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# Anti-Influenza B Virus Nucleoprotein Monoclonal Antibodies

61 clones

Table 2. Essential Characteristics of BMR Anti-Influenza B Virus Nucleoprotein Monoclonal Antibodies (Reactivity order) Updated on May 24, 2015

ſ							Reactivity	in CELIXSYS		tibodies (Rea : antibody cond		1) Opaaroa o	n May 24, 2	
	BMR Catalog No.	BMR Clone No.	Mouse Ig	Victoria	-Lineage	?	nactivated virus *	1	Yamagata-Lineag	ge		Cultured virus ***	<b>k</b>	Embryonated egg cultured  Yamagata-lineage
	8		Isotype	B/Malaysia/ 2506/2004	B/Brisbane/ 60/2008	B/Qingdao/ 102/91	B/Tokio/ 53/99	B/Victoria/ 504/00	B/Wisconsin/ 01/2010	B/Massachusetts/ 2/2012	7	8	9	B/Shanghai/ 361/02
1	BMRib010	FLB-1653	IgG1	96	95	99	99	100	96	97	99	95	99	99
2	BMRib056	F2B-461	IgG1	97	96	100	98	100	95	94	97	94	98	99
3	BMRib061	F2B-2199	IgG1	96	95	98	97	99	97	95	92	88	92	97
4	BMRib065	F2B-4349	IgG2a	92	95	100	99	99	95	96	99	96	99	95
5	BMRib059	F2B-1817	IgG2a	93	94	99	98	99	96	95	97	95	99	95
6		F2B-2606	IgG2a	91	92	97	97	99	98	97	95	95	98	92
2	BMRib030 BMRib031	F1B-154 F1B-344	IgG2a IgG2a	95 95	94 96	95 95	96 96	97 97	95 93	96 95	95 94	91 91	94 94	93
9	BMRib031 BMRib042		IgG2a	91	92	97	97	99	95	96	97	96	100	93
10	BMRib004		IgG1	95	94	96	96	99	90	95	93	90	93	95
11	BMRib063	F2B-3798	IgG2a	91	92	98	94	98	96	96	92	92	95	95
12	BMRib057	F2B-1261	IgG2a	94	92	95	96	98	96	95	95	94	97	92
13	BMRib029	F1B-151	IgG2a	94	93	96	95	97	94	95	90	90	92	92
14	BMRib033	F1B-443	IgG2a	93	93	95	95	97	97	94	96	95	98	94
15		F1B-2982	IgG2b	92	93	98	97	99	91	92	98	94	96	95
16		F1B-733	IgG1	94	94	97	96	98	92	92	95	92	94	91
17		F2B-1966 F1B-2743	IgG2b IgG2b	93 95	92 93	98 97	97 97	98	90 85	91 91	98 95	94	96 95	93 95
19		F1B-2743 F1B-3559	IgG2b IgG2a	95	93	90	97	96	92	91	95 85	85	95	95
20	BMRib005		IgG2a	89	90	98	96	97	90	91	92	92	95	90
21		F1B-1382	IgG2a	91	94	94	84	98	94	97	85	87	91	97
22	BMRib009	FLB-1232	IgG2b	87	86	96	96	98	93	92	93	92	96	95
23	BMRib018	FLB-747	IgG2b	88	87	96	96	99	91	90	94	93	96	94
24	BMRib008	FLB-1167	IgG2b	94	94	90	93	94	91	91	91	89	92	96
25	BMRib048		IgG2b	92	89	97	97	99	86	88	94	88	92	89
26	BMRib046		IgG2a	94	94	89	91	95	87	95	85	84	89	93
27		FLB-1056	IgG2b	88	87	95	96 95	98 98	90	89	93	92	95	93
28		FLB-1895 F1B-3554	IgG2b IgG2a	86 92	85 90	95 90	93 87	98	93 94	91	92 89	91 87	94 91	94 88
30	BMRib055		IgG2a	89	94	87	91	96	90	95	84	83	87	93
31		FLB-2827	IgG2a	94	93	87	91	93	92	93	84	86	91	95
32	BMRib044	F1B-1694	IgG2a	92	91	92	86	94	95	92	90	87	89	89
33	BMRib052	F1B-3516	IgG2b	93	91	94	94	97	83	88	92	90	93	92
34	BMRib050	F1B-2941	IgG2a	91	90	86	93	96	91	91	87	86	90	92
35	BMRib038	F1B-1056	IgG2b	88	87	95	92	97	88	90	94	91	92	87
36		F2B-3843	IgG2a	91	89	93	91	97	87	88	84	81	83	85
37		F1B-2139	IgG2b	90	88	92	89	97	90	90	91	86	89	87
38		F2B-1313 FLB-1844	IgG2a IgG2a	91 91	89 92	92 91	93 85	96 92	90	88 91	87 81	83 78	87 86	90 89
40		FLB-2864	IgG2b	92	91	87	92	94	84	88	85	85	88	95
41	BMRib041		IgG2a	94	94	85	86	93	82	95		79	84	90
42	BMRib035	F1B-780	IgG2a	91	91	89	80	90	94	92	88	87	89	84
43	BMRib036	F1B-837	IgG2b	87	85	96	94	95	88	80	90	88	89	85
44	BMRib019	FLB-855	IgG2b	86	86	93	94	96	84	85	93	91	94	90
45		F1B-1344	IgG2a	93	93	86	90	95	73	87	88	86	89	88
46		FLB-2075	IgG2a	95	95	75	78	82	95	95	82	84	88	93
47	BMRib032		IgG2b	86	84	96	94	97	79	77	88	82	87	81
48	BMRib025 BMRib043	FLB-1931 F1B-1618	IgG2a IgG1	95 86	94 86	73 90	78 93	80 94	94 77	95 81	93	90	93	92 87
50		FLB-3635	IgG2a	90	89	80	81	87	88	90	——————————————————————————————————————	79	84	89
51		FLB-2952	IgG1	87	84	86	97	89	79	79	50	51	59	78
52		FLB-1586	IgG2a	94	94	72	77	77	92	95	83	81	86	92
53	BMRib012	FLB-1921	IgG2b	83	80	92	95	96	77	77	87	84	83	76
54	BMRib021	FLB-1352	IgG2a	94	94	69	75	77	92	95	77	79	83	93
55	BMRib045		IgG2a	84	88	76	74	89	91	87	64	66	74	95
56	BMRib066		IgG1	84	88	85	58	90	84	83	73	76	80	79
57		FLB-431	IgG1	90	88	70 50	71 50	71	88	90	70 60	70	74	84
50	BMRib023 BMRib016	FLB-1637	IgG2a IgG2a	92 88	92 89	58 67	59 42	59 32	90	93	69 89	70 75	75 73	87 85
60		FLB-171 FLB-1287	IgG2a	71	60	69	82	88	37	41		73	73	71
61		F1B-1000	IgG2b	59	55	71	46	41	53	54	82	79	78	59
	Commercial clone		IgG2b	93	92	97	96	97	84	83	94	93	95	72
	Commercial clone Control	Ref. #1171 NC	IgG2b Reagent Blank	82 0	78 0	88	91 0	91	79 0	75 0	72 0	67	70 0	96
	Control	PC	Positive control	100	100	100	100	100	100	100	100	100 enza B virus nucleopr	100	100
		Recommended		The higher the fig	gure, the stronger the	o-precipitation-equiva- e reactivity of the anti- ldehyde; some epitop	ibody.	-	suengin of reactivity	of monocional antibo	outes to each Infulu	enza <b>b</b> virus nucleopi	otem.	

Recommended clones

The higher the figure, the stronger the reactivity of the antibody.

\*\* Inactivated virus: treated with formaldehyde; some epitopes may be altered or destroyed.

\*\*\* Cultured virus: treated with detergent and solubilized.

# Summary of Technical Data Sheet for BMR Anti-Influenza B Monoclonal Antibody (61 clones)

List of headings	1	2	3	4
BMR Catalog No.	BMRib001	BMRib004	BMRib005	BMRib007
<b>Product Name</b>	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-431	FLB-103	FLB-826	FLB-1056
Isotype	IgG1	IgG1	IgG2a	IgG2b
Lot Number	FLB431-003	FLB103-002	FLB826-004	MM49055-39
Concentration	2.7 mg/mL	4.7 mg/mL	3.6 mg/mL	5.1 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A affinity purification
Size	1mg ~	1mg ∼	1mg $\sim$	1mg ∼
	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4		Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH <sub>2</sub> PO <sub>4</sub> & Na <sub>2</sub> HPO <sub>4</sub> ),
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Immunochromatography: membrane Ab or conjugate Ab	Immunochromatography: conjugate Ab	Immunochromatography: membrane Ab	Immunochromatography: membrane Ab
<b>Usage Recommendations</b>	Immunochromatography: Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-171, FLB-431, FLB-826, FLB-855 or FLB-747. Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.	Immunochromatography: Detector (conjugate) antibody: paired with capture(membrane) antibody FLB-1167.	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431or FLB-171.	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.
Contaminants	NA	NA	NA	NA
Rionazara information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.  Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.
Additional Information	The immunochromatography method was experimentally conducted using the clone FLB-431 conjugated to latex beads paired with the clones: FLB-171, FLB-431, FLB-826, FLB-855 or FLB-747 sensitized on a membrane.			The immunochromatography method was experimentally conducted using the clone FLB-1056 conjugated to latex beads paired with the clone FLB-431 sensitized on a membrane.

NA: Not assayed 61-4=57 clones

Method of Purification: Protein G affinity purification for small sample preparation, and protein A affinity purification for larger scale manufacture.

List of headings	5	6	7	8
BMR Catalog No.	BMRib008	BMRib009	BMRib010	BMRib011
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-1167	FLB-1232	FLB-1653	FLB-1895
Isotype	IgG2b	IgG2b	IgG1	IgG2b
Lot Number	MM48121	Depend on the purification Lot	MM48105	Depend on the purification Lot
Concentration	5.4 mg/mL	1∼5 mg/mL depending on the purification Lot.	5.3 mg/mL	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	
Method of Purification	Protein A affinity purification	Protein A or G affinity purification	Protein A affinity purification	Protein A or G affinity purification
Size	1mg ∼	1mg ∼	1mg ∼	1mg ∼
Form & Buffer	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.09% NaN3	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH <sub>2</sub> PO <sub>4</sub> & Na <sub>2</sub> HPO <sub>4</sub> ),	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Immunochromatography: membrane Ab or conjugate Ab			
Usage Recommendations	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-1921, FLB-431, FLB-103, FLB-1931, FLB-1856, FLB-2952 or FLB-1167. Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167 or FLB-2864.			
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.09% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.  Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.			
Additional Information	The immunochromatography method was conducted using the clone FLB-1167 sensitized on a membrane paired with the clone FLB-1921 conjugated with colloidal gold.			

List of headings	9	10	11	12
BMR Catalog No.	BMRib012	BMRib013	BMRib014	BMRib015
Product Name	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-1921	FLB-2827	FLB-2864	FLB-2952
Isotype	IgG2b	IgG2a	IgG2b	IgG1
Lot Number	MM48099	Depend on the purification Lot	FLB2864-002	FLB2952-002
Concentration	5.3 mg/mL	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.	4.2 mg/mL	3.4 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A affinity purification	Protein A or G affinity purification	Protein G affinity purification	Protein A or G affinity purification
Size	1mg $\sim$	1mg ~	1mg $\sim$	1mg ∼
Form & Buffer	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH <sub>2</sub> PO <sub>4</sub> & Na <sub>2</sub> HPO <sub>4</sub> ), 150mM NaCl, 0.09% NaN <sub>3</sub>	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> and 0.05% NaN <sub>3</sub>	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Sandwich ELISA: capture Ab, Immunochromatography: conjugate Ab		Immunochromatography: membrane Ab	Immunochromatography: conjugate Ab
Usage Recommendations	Immunochromatography: Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167.  Sandwich ELISA: Capture (solid) antibody: paired with the detector (conjugate) antibody F2B-3843 or FLB-3635		Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431, FLB-1844, FLB-1167 or FLB-2952	Immunochromatography: Detector (conjugate) antibody: paired with capture(membrane) antibodies FLB-1167 or FLB-2864.
Contaminants	NA	NA	NA	NA
Kinnazara information	This product contains 0.09% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.		Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.
Additional Information	The sandwich ELISA method was performed by the avidin-biotin system.  The immunochromatography method was conducted using the clone FLB-1921 conjugated with colloidal gold paired with the clone FLB-1167 sensitized on a membrane.			

List of headings	13	14	15	16
BMR Catalog No.	BMRib016	BMRib018	BMRib019	BMRib020
<b>Product Name</b>	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-171	FLB-747	FLB-855	FLB-1287
Isotype	IgG2a	IgG2b	IgG2b	IgG2a
Lot Number	FLB171-002	MM48226	FLB855-002	Depend on the purification Lot
Concentration	3.3 mg/Ml	5.1 mg/mL	3.4 mg/mL	1∼5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant		Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	G affinity purification	Protein A affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ∼	1mg ~	1mg ∼	1mg ∼
	Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Immunochromatography: membrane Ab	Immunochromatography: membrane Ab. Sandwich ELISA: capture Ab	Immunochromatography: membrane Ab	
<b>Usage Recommendations</b>	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.	Immunochromatography: Capture (membrane) antibody: paired with detector (membrane) antibody FLB-431.  Sandwich ELISA: Capture (solid) antibody: paired with detector (conjugate) antibody FLB-3635	Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.	
Contaminants	NA	NA	NA	NA
Richazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
<b>Assay Information</b>	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.		Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	
Additional Information		The immunochromatography method was conducted using the clone FLB-747 conjugated with colloidal gold paired with the clone FLB-431 sensitized on a membrane.		

List of headings	17	18	19	20
BMR Catalog No.	BMRib021	BMRib022	BMRib023	BMRib024
<b>Product Name</b>	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-1352	FLB-1586	FLB-1637	FLB-1844
Isotype	IgG2a	IgG2a	IgG2a	IgG2a
Lot Number	Depend on the purification Lot	FLB1586-002	Depend on the purification Lot	FLB1844-003
Concentration	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.	4.4 mg/mL	$1{\sim}5$ mg/mL depending on the purification Lot.	2.9 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ∼	1mg ∼
Form & Buffer	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications		Immunochromatography: conjugate Ab		Immunochromatography: membrane Ab or conjugate Ab
Usage Recommendations		Immunochromatography: Detector (conjugate) antibody: paired with capture(membrane) antibody FLB-1167.		Immunochromatography: Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431. Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-2864.
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information		Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.  Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.
Additional Information			The immunochromatography method was conducted using the clone FLB-431 sensitized on a membrane paired with the clone FLB-747 conjugated with colloidal gold.	

List of headings	21	22	23	24
BMR Catalog No.	BMRib025	BMRib026	BMRib028	BMRib029
<b>Product Name</b>	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	FLB-1931	FLB-2075	FLB-3635	F1B-151
Isotype	IgG2a	IgG2a	IgG2a	IgG2a
Lot Number	FLB1931-002	MM48069	Depend on the purification Lot	Depend on the purification Lot
Concentration	3.6 mg/mL	5.2 mg/mL	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein G affinity purification	Protein A affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ∼	1mg ∼	1mg ∼	1mg ∼
Form & Buffer	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH <sub>2</sub> PO <sub>4</sub> , 140mM NaCl, 8.0mM Na <sub>2</sub> HPO <sub>4</sub> and 0.05% NaN <sub>3</sub>	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH <sub>2</sub> PO <sub>4</sub> & Na <sub>2</sub> HPO <sub>4</sub> ), 150mM NaCl, 0.09% NaN <sub>3</sub>	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Immunochromatography: conjugate Ab	Immunochromatography	Sandwich ELISA: conjugate Ab	
Usage Recommendations	Immunochromatography: Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167.	Immunochromatography: FLB-1653	Sandwich ELISA Detector (conjugate) antibody: paired with capture (solid) antibodies, FLB-1921, F1B-1618, F1B-1777 or FLB-747	
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.09% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	Immunochromatography assay was experimentally performed using blue latex beads sensitized with each clone as a conjugate.	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.	
Additional Information	The immunochromatography method was conducted using the clone FLB-1931 conjugated with colloidal gold paired with the clone FLB-1167 sensitized on a membrane.	The immunochromatography method was conducted using the clone FLB-1931 conjugated with colloidal gold paired with the clone FLB-1167 sensitized on a membrane.	The sandwich ELISA method was performed by the avidin-biotin system.	

List of headings	25	26	27	28
BMR Catalog No.	BMRib030	BMRib031	BMRib032	BMRib033
Product Name	Influenza B Virus (NP) Antibody			
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody			
Clone Number	F1B-154	F1B-344	F1B-414	F1B-443
Isotype	IgG2a	IgG2a	IgG2b	IgG2a
Lot Number	Depend on the purification Lot			
Concentration	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008			
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ∼	1mg ∼	1mg ∼	1mg ∼
Form & Buffer	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
<b>Usage Recommendations</b>				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

List of headings	29	30	31	32
BMR Catalog No.	BMRib034	BMRib035	BMRib036	BMRib037
<b>Product Name</b>	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-733	F1B-780	F1B-837	F1B-1000
Isotype	IgG1	IgG2a	IgG2b	IgG2b
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Concentration	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ∼	1mg ∼	1mg ∼	1mg ∼
Form & Buffer	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

List of headings	33	34	35	36
BMR Catalog No.	BMRib038	BMRib039	BMRib040	BMRib041
<b>Product Name</b>	Influenza B Virus (NP) Antibody			
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody			
Clone Number	F1B-1056	F1B-1344	F1B-1382	F1B-1496
Isotype	IgG2b	IgG2a	IgG2a	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	F1B1496-001
Concentration	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	3.9 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008			
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.  Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein G affinity purification
Size	1mg ~	1mg ~	1mg ∼	1mg ∼
Form & Buffer	· •	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
<b>Usage Recommendations</b>				
Contaminants	NA	NA	NA	NA
Richazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

List of headings	37	38	39	40
BMR Catalog No.	BMRib042	BMRib043	BMRib044	BMRib045
<b>Product Name</b>	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody	Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-1509	F1B-1618	F1B-1694	F1B-1777
Isotype	IgG1	IgG1	IgG2a	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot
Concentration	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ∼	1mg ∼	1mg ∼	1mg ∼
Form & Buffer	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and		liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications	Sandwich ELISA: capture Ab,	Sandwich ELISA: capture Ab,		Sandwich ELISA: capture Ab
Usage Recommendations	Sandwich ELISA: Capture (solid) antibody: paired with detector (conjugate) antibody F2B-3843	Sandwich ELISA: Capture (solid) antibody: paired with detector (conjugate) antibody F2B-3843 or FLB-3635		Sandwich ELISA: Capture (solid) antibody: paired with detector (conjugate) antibodies F2B-3843 or FLB-3635
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.	The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.		The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.
Additional Information	The sandwich ELISA method was performed by the avidin-biotin system.	The sandwich ELISA method was performed by the avidin-biotin system.		The sandwich ELISA method was performed by the avidin-biotin system.

List of headings	41	42	43	44
BMR Catalog No.	BMRib046	BMRib047	BMRib048	BMRib049
<b>Product Name</b>	Influenza B Virus (NP) Antibody			
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody			
Clone Number	F1B-1839	F1B-2139	F1B-2526	F1B-2743
Isotype	IgG2a	IgG2b	IgG2b	IgG2b
Lot Number	Depend on the purification Lot			
Concentration	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008			
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ~	1mg ~	1mg ~	1mg ∼
Form & Buffer	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

List of headings	45	46	47	48	
BMR Catalog No.	BMRib050	BMRib051	BMRib052	BMRib053	
Product Name	Influenza B Virus (NP) Antibody Influenza B Virus (NP) Antibod		Influenza B Virus (NP) Antibody		
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody  Mouse monoclonal Influenza B (Nucleoprotein) Antibody  Mouse monoclonal Influenza B (Nucleoprotein) Antibody		_	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	
Clone Number	F1B-2941	F1B-2982	F1B-3516	F1B-3554	
Isotype	IgG2a	IgG2b	IgG2b	IgG2a	
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	
Concentration	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	
Affinity Constant	Not determined	Not determined	Not determined	Not determined	
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	
Size	1mg ~	1mg ~	1mg ∼	1mg ~	
Form & Buffer	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	
Applications					
<b>Usage Recommendations</b>					
Contaminants	NA	NA	NA	NA	
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	
Endotoxin Levels	NA	NA	NA	NA	
Bioactivity	NA	NA	NA	NA	
Assay Information					
Additional Information					

List of headings	49	50	51	52
BMR Catalog No.	BMRib054	BMRib055	BMRib056	BMRib057
Product Name	Influenza B Virus (NP) Antibody	B Virus (NP) Antibody Influenza B Virus (NP) Antibody Influenza B Virus (NP) Antibody Influenza B Virus		Influenza B Virus (NP) Antibody
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody  Mouse monoclonal Influenza B (Nucleoprotein) Antibody  Mouse monoclonal Influenza B (Nucleoprotein) Antibody			Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F1B-3559	F1B-3880	F2B-461	F2B-1261
Isotype	IgG2a	IgG2a	IgG1	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	F2B461-003	Depend on the purification Lot
Concentration	1∼5 mg/mL depending on the purification Lot.	$1{\sim}5~{ m mg/mL}$ depending on the purification Lot.	4.2 mg/mL	1∼5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A affinity purification	Protein A or G affinity purification
Size	1mg ∼	1mg ∼	1mg ∼	1mg ∼
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3		Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
Usage Recommendations				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

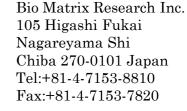
List of headings	53	54	55	56
BMR Catalog No.	BMRib058	BMRib059	BMRib060	BMRib061
Product Name	Influenza B Virus (NP) Antibody Influenza B Virus (NP) Antibody Influenza B Virus (NP) Antibody Influenza B V		Influenza B Virus (NP) Antibody	
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody  Mouse monoclonal Influenza B (Nucleoprotein) Antibody  Mouse monoclonal Influenza B (Nucleoprotein) Antibody		_ · · · · · · · · · · · · · · · · · · ·	Mouse monoclonal Influenza B (Nucleoprotein) Antibody
Clone Number	F2B-1313	F2B-1817	F2B-1966	F2B-2199
Isotype	IgG2a	IgG2a	IgG2b	IgG1
Lot Number	Depend on the purification Lot	F2B1817-001	Depend on the purification Lot	Depend on the purification Lot
Concentration	1∼5 mg/mL depending on the purification Lot.	3.0 mg/mL	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	nenza A virus No cross reaction to Influenza A virus No cross reaction to Influenza A virus No cross reaction to Influenza A virus		No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification
Size	1mg ∼	1mg ∼	1mg ∼	1mg ∼
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications				
<b>Usage Recommendations</b>				
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information				
Additional Information				

List of headings	57	58	59	60
BMR Catalog No.	BMRib062	BMRib063	BMRib064	BMRib065
Product Name	Influenza B Virus (NP) Antibody Influenza B Virus (NP) Antibod		Influenza B Virus (NP) Antibody	
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	Mouse monoclonal Influenza B (Nucleoprotein) Antibody  Mouse monoclonal Influenza B (Nucleoprotein) Antibody	
Clone Number	F2B-2606	F2B-3798	F2B-3843	F2B-4349
Isotype	IgG2a	IgG2a	IgG2a	IgG2a
Lot Number	Depend on the purification Lot	Depend on the purification Lot	Depend on the purification Lot	F2B4349-001
Concentration	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	1∼5 mg/mL depending on the purification Lot.	3.4 mg/mL
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Specificity	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein	No cross reaction to Influenza A virus nucleoprotein
Affinity Constant	Not determined	Not determined	Not determined	Not determined
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
Method of Purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein A or G affinity purification	Protein G affinity purification
Size	1mg ∼	1mg ∼	1mg ∼	1mg ∼
	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and	liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.
Applications			Sandwich ELISA	
Usage Recommendations			Sandwich ELISA: Detector (conjugate) antibody: paired with capture (solid) antibodies, FLB-1921, F1B-1618, F1B-1509 or F1B-1777	
Contaminants	NA	NA	NA	NA
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.
Endotoxin Levels	NA	NA	NA	NA
Bioactivity	NA	NA	NA	NA
Assay Information			The sandwich ELISA was tested using 2 strains of viruses; inactivated Influenza B viruses (B/Malaysia/2506/2004) and cultured Influenza B viruses No.9. These viruses were solubilized in PBS (pH7.4), containing 1% NP-40 and 1% BSA.	
Additional Information			The sandwich ELISA method was performed by the avidin-biotin system.	

Summary of Tech		
List of headings	61	
BMR Catalog No.	BMRib066	
Product Name	Influenza B Virus (NP) Antibody	
Description	Mouse monoclonal Influenza B (Nucleoprotein) Antibody	
Clone Number	F2B-5202	
Isotype	IgG1	
Lot Number	Depend on the purification Lot	
Concentration	1∼5 mg/mL depending on the purification Lot.	
Immunogen	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008	
Host	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.	
Specificity	Source: Ascites  Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	
Cross Reactivity	No cross reaction to Influenza A virus nucleoprotein	
Affinity Constant	Not determined	
Grade & Purity	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	
Method of Purification	Protein A or G affinity purification	
Size	1mg ~	
Form & Buffer	Protein A or Protein G purified and supplied as a liquid in <b>PBS(-)</b> ; pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or <b>PBS</b> ; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3	
Storage	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	
Applications		
<b>Usage Recommendations</b>		
Contaminants	NA	
Biohazard Information	This product contains 0.05% sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling.	
Endotoxin Levels	NA	
Bioactivity	NA	
Assay Information		
Additional Information		

NA: Not assayed Method of Purification: Protein G

18/79





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib001

CLONE NUMBER: FLB-431

SUBCLASS: IgG1

LOT NUMBER: FLB431-003

CONCENTRATION: 2.7 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

**IMMUNOGEN:** Inactivated Influenza B virus: B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

**CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM

NaCl, 8.0mM Na2HPO4 and 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: membrane Ab or conjugate Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-171, FLB-431, FLB-

826, FLB-855 or FLB-747.

Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib004

CLONE NUMBER: FLB-103

SUBCLASS: IgG1

LOT NUMBER: FLB103-002

CONCENTRATION: 4.7 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: conjugate Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

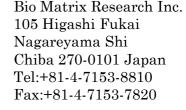
Detector (conjugate) antibody: paired with capture(membrane) antibody FLB-1167.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib005

CLONE NUMBER: FLB-826

SUBCLASS: IgG2a

LOT NUMBER: FLB826-004

CONCENTRATION: 3.6 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: membrane Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

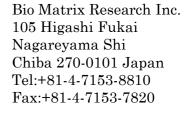
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431or FLB-171.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib007

CLONE NUMBER: FLB-1056

SUBCLASS: IgG2b

LOT NUMBER: MM49055-39

CONCENTRATION: 5.1 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

**CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4),

150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: membrane Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.



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### MONOCLONAL ANTIBODY DATA SHEET

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib008

CLONE NUMBER: FLB-1167

SUBCLASS: IgG2b

LOT NUMBER: MM48121

CONCENTRATION: 5.4 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4),

150mM NaCl, 0.09% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: membrane Ab or conjugate Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-1921, FLB-431, FLB-

103, FLB-1931, FLB-1856, FLB-2952 or FLB-1167.

Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167 or FLB-2864.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.





PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib009 **CLONE NUMBER:** FLB-1232 **SUBCLASS:** IgG2b LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.



CAUTION:



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## **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib010
CLONE NUMBER:	FLB-1653
SUBCLASS:	IgG1
LOT NUMBER:	MM48105
CONCENTRATION:	<b>5.3 mg/mL</b> (OD280nm, E <sup>0.1%</sup> =1.38)
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus: B/Malaysia/2506/2004
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
61 clones	Not determined
FORM & BUFFER:	Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.09% NaN3
PRESERVATIVE:	0.09% NaN <sub>3</sub>
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.

USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.

Not for use in humans or clinical diagnosis.





CAUTION:

#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib011 **CLONE NUMBER:** FLB-1895 **SUBCLASS:** IgG2b LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1%</sup>=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) No cross reaction to Influenza A virus nucleoprotein **CROSS REACTIVITY: GRADE & PURITY:** 0.0 mg/mlNot determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 PRESERVATIVE: 0.05% NaN<sub>3</sub> **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.

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Not for use in humans or clinical diagnosis.





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib012

CLONE NUMBER: FLB-1921

SUBCLASS: IgG2b

LOT NUMBER: MM48099

CONCENTRATION: 5.3 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4),

150mM NaCl, 0.09% NaN3

**PRESERVATIVE:** 0.09% NaN<sub>3</sub>

**APPLICATIONS:** Sandwich ELISA: capture Ab, Immunochromatography: conjugate Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167.

Sandwich ELISA:

Capture (solid) antibody: paired with the detector (conjugate) antibody F2B-3843 or FLB-3635

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.





CAUTION:

#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib013 **CLONE NUMBER: FLB-2827 SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot  $1\sim5$  mg/mL depending on the purification Lot. **CONCENTRATION:** (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.

USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.

Not for use in humans or clinical diagnosis.





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib014

CLONE NUMBER: FLB-2864

SUBCLASS: IgG2b

LOT NUMBER: FLB2864-002

CONCENTRATION: 4.2 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

**CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM

NaCl, 8.0mM Na2HPO4 and 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: membrane Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431, FLB-1844, FLB-

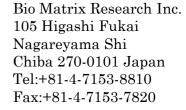
1167 or FLB-2952

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib015

CLONE NUMBER: FLB-2952

SUBCLASS: IgG1

LOT NUMBER: FLB2952-002

CONCENTRATION: 3.4 mg/mL

(OD280nm, E<sup>0.1%</sup>=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: conjugate Ab

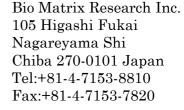
**USAGE RECOMMENDATIONS:** Immunochromatography:

Detector (conjugate) antibody: paired with capture(membrane) antibodies FLB-1167 or FLB-2864.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib016

CLONE NUMBER: FLB-171

SUBCLASS: IgG2a

LOT NUMBER: FLB171-002

CONCENTRATION: 3.3 mg/Ml

(OD280nm, E<sup>0.1%</sup>=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

**CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**AFFINITY:** 

**APPLICATIONS:** Immunochromatography: membrane Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib018

CLONE NUMBER: FLB-747

SUBCLASS: IgG2b

LOT NUMBER: MM48226

CONCENTRATION: 5.1 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

**CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM

NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: membrane Ab.Sandwich ELISA: capture Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Capture (membrane) antibody: paired with detector (membrane) antibody FLB-431.

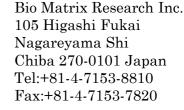
Sandwich ELISA:

Capture (solid) antibody: paired with detector (conjugate) antibody FLB-3635

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib019

CLONE NUMBER: FLB-855

SUBCLASS: IgG2b

LOT NUMBER: FLB855-002

CONCENTRATION: 3.4 mg/mL

(OD280nm, E<sup>0.1%</sup>=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

**CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: membrane Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

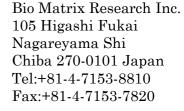
Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.





CAUTION:

#### **MONOCLONAL ANTIBODY DATA SHEET**

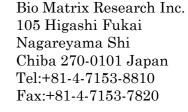
PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib020 **CLONE NUMBER: FLB-1287 SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.

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CAUTION:

#### **MONOCLONAL ANTIBODY DATA SHEET**

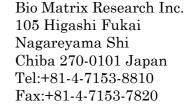
PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib021 **CLONE NUMBER:** FLB-1352 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1%</sup>=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) No cross reaction to Influenza A virus nucleoprotein **CROSS REACTIVITY: GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib022

CLONE NUMBER: FLB-1586

SUBCLASS: IgG2a

LOT NUMBER: FLB1586-002

CONCENTRATION: 4.4 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: conjugate Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Detector (conjugate) antibody: paired with capture(membrane) antibody FLB-1167.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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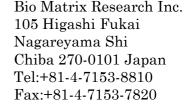
### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib023 **CLONE NUMBER: FLB-1637 SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib024

CLONE NUMBER: FLB-1844

SUBCLASS: IgG2a

LOT NUMBER: FLB1844-003

CONCENTRATION: 2.9 mg/mL

 $(OD280nm, E^{0.1\%}=1.38)$ 

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: membrane Ab or conjugate Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Capture (membrane) antibody: paired with detector (conjugate) antibody FLB-431. Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-2864.

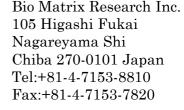
**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib025

CLONE NUMBER: FLB-1931

SUBCLASS: IgG2a

LOT NUMBER: FLB1931-002

CONCENTRATION: 3.6 mg/mL

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

**CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM

NaCl, 8.0mM Na2HPO4 and 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography: conjugate Ab

**USAGE RECOMMENDATIONS:** Immunochromatography:

Detector (conjugate) antibody: paired with capture (membrane) antibody FLB-1167.

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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Bio Matrix Research Inc. 105 Higashi Fukai Nagareyama Shi Chiba 270-0101 Japan Tel:+81-4-7153-8810 Fax:+81-4-7153-7820

#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib026

CLONE NUMBER: FLB-2075

SUBCLASS: IgG2a

LOT NUMBER: MM48069

CONCENTRATION: 5.2 mg/mL

(OD280nm, E<sup>0.1%</sup>=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

**CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

61 clones Not determined

FORM & BUFFER: Protein A purified and supplied as a liquid in PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4),

150mM NaCl, 0.09% NaN3

**PRESERVATIVE:** 0.09% NaN<sub>3</sub>

**APPLICATIONS:** Immunochromatography

**USAGE RECOMMENDATIONS:** Immunochromatography:

FLB-1653

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib028

CLONE NUMBER: FLB-3635

SUBCLASS: IgG2a

**LOT NUMBER:** Depend on the purification Lot

CONCENTRATION:  $1 \sim 5 \text{ mg/mL}$  depending on the purification Lot.

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Sandwich ELISA: conjugate Ab

**USAGE RECOMMENDATIONS:** Sandwich ELISA

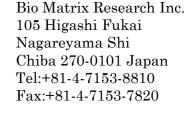
Detector (conjugate) antibody: paired with capture (solid) antibodies, FLB-1921, F1B-1618, F1B-

1777 or FLB-747

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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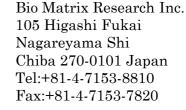
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib029 **CLONE NUMBER:** F1B-151 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot  $1\sim5$  mg/mL depending on the purification Lot. **CONCENTRATION:** (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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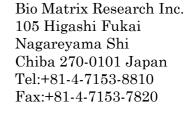
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib030 **CLONE NUMBER:** F1B-154 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.

USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.





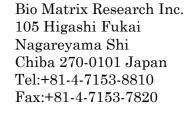
# **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib031
CLONE NUMBER:	F1B-344
SUBCLASS:	IgG2a
LOT NUMBER:	Depend on the purification Lot
CONCENTRATION:	$1\sim5$ mg/mL depending on the purification Lot. (OD280nm, $E^{0.1\%}=1.38$ )
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
PRESERVATIVE:	$0.05\%~\mathrm{NaN_3}$
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at $4^{\circ}\text{C}$ for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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# **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib032
CLONE NUMBER:	F1B-414
SUBCLASS:	IgG2b
LOT NUMBER:	Depend on the purification Lot
CONCENTRATION:	$1\sim5$ mg/mL depending on the purification Lot. (OD280nm, $E^{0.1\%}=1.38$ )
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
PRESERVATIVE:	0.05% NaN <sub>3</sub>
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at $4^{\circ}\text{C}$ for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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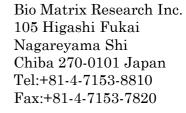
# **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib033
CLONE NUMBER:	F1B-443
SUBCLASS:	IgG2a
LOT NUMBER:	Depend on the purification Lot
CONCENTRATION:	$1\sim5$ mg/mL depending on the purification Lot. (OD280nm, $E^{0.1\%}=1.38$ )
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
PRESERVATIVE:	0.05% NaN <sub>3</sub>
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at $4^{\circ}\text{C}$ for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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# **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib034
CLONE NUMBER:	F1B-733
SUBCLASS:	IgG1
LOT NUMBER:	Depend on the purification Lot
CONCENTRATION:	$1\sim5$ mg/mL depending on the purification Lot. (OD280nm, E <sup>0.1%</sup> =1.38)
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
PRESERVATIVE:	$0.05\%~\mathrm{NaN_3}$
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at $4^{\circ}\text{C}$ for short term or $-20^{\circ}\text{C}$ for longer storage. Avoid repeated freeze/thaw cycles.

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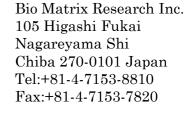
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib035 **CLONE NUMBER:** F1B-780 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot  $1\sim5$  mg/mL depending on the purification Lot. **CONCENTRATION:** (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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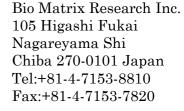
# **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib036
CLONE NUMBER:	F1B-837
SUBCLASS:	IgG2b
LOT NUMBER:	Depend on the purification Lot
CONCENTRATION:	$1\sim5$ mg/mL depending on the purification Lot. (OD280nm, $E^{0.1\%}=1.38$ )
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
PRESERVATIVE:	0.05% NaN <sub>3</sub>
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at $4^{\circ}\text{C}$ for short term or -20 $^{\circ}\text{C}$ for longer storage. Avoid repeated freeze/thaw cycles.

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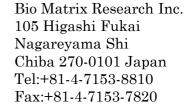
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib037 **CLONE NUMBER:** F1B-1000 **SUBCLASS:** IgG2b LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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# **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib038
CLONE NUMBER:	F1B-1056
SUBCLASS:	IgG2b
LOT NUMBER:	Depend on the purification Lot
CONCENTRATION:	$1\sim5$ mg/mL depending on the purification Lot. (OD280nm, $E^{0.1\%}=1.38$ )
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
PRESERVATIVE:	0.05% NaN <sub>3</sub>
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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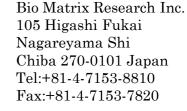
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib039 **CLONE NUMBER:** F1B-1344 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot  $1\sim5$  mg/mL depending on the purification Lot. **CONCENTRATION:** (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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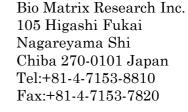
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PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib040 **CLONE NUMBER:** F1B-1382 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.





PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib041 **CLONE NUMBER:** F1B-1496 **SUBCLASS:** IgG2a LOT NUMBER: F1B1496-001 **CONCENTRATION:**  $3.9 \, \text{mg/mL}$ (OD280nm, E<sup>0.1%</sup>=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites **IMMUNOGEN:** Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) No cross reaction to Influenza A virus nucleoprotein **CROSS REACTIVITY: GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM FORM & BUFFER: NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 0.05% NaN<sub>3</sub> **PRESERVATIVE: APPLICATIONS:** 0 **USAGE RECOMMENDATIONS: STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.





PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib042

CLONE NUMBER: F1B-1509

SUBCLASS: IgG1

**LOT NUMBER:** Depend on the purification Lot

CONCENTRATION:  $1 \sim 5 \text{ mg/mL}$  depending on the purification Lot.

(OD280nm, E<sup>0.1</sup>%=1.38)

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

**FORM & BUFFER:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Sandwich ELISA: capture Ab,

**USAGE RECOMMENDATIONS:** Sandwich ELISA:

Capture (solid) antibody: paired with detector (conjugate) antibody F2B-3843

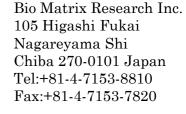
**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib043

CLONE NUMBER: F1B-1618

SUBCLASS: IgG1

**LOT NUMBER:** Depend on the purification Lot

CONCENTRATION:  $1\sim5$  mg/mL depending on the purification Lot.

 $(OD280nm, E^{0.1\%}=1.38)$ 

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Sandwich ELISA: capture Ab,

**USAGE RECOMMENDATIONS:** Sandwich ELISA:

Capture (solid) antibody: paired with detector (conjugate) antibody F2B-3843 or FLB-3635

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.





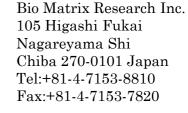
### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib044 **CLONE NUMBER:** F1B-1694 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.

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PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib045

CLONE NUMBER: F1B-1777

SUBCLASS: IgG2a

**LOT NUMBER:** Depend on the purification Lot

CONCENTRATION:  $1 \sim 5 \text{ mg/mL}$  depending on the purification Lot.

 $(OD280nm, E^{0.1\%}=1.38)$ 

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

FORM & BUFFER: Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Sandwich ELISA: capture Ab

**USAGE RECOMMENDATIONS:** Sandwich ELISA:

Capture (solid) antibody: paired with detector (conjugate) antibodies F2B-3843 or FLB-3635

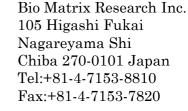
**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

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### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib046 **CLONE NUMBER:** F1B-1839 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib047 **CLONE NUMBER:** F1B-2139 **SUBCLASS:** IgG2b LOT NUMBER: Depend on the purification Lot  $1\sim5$  mg/mL depending on the purification Lot. **CONCENTRATION:** (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM FORM & BUFFER: KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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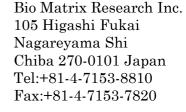
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib048 **CLONE NUMBER:** F1B-2526 **SUBCLASS:** IgG2b LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM FORM & BUFFER: KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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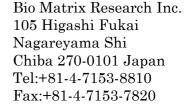
### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib049 **CLONE NUMBER:** F1B-2743 **SUBCLASS:** IgG2b LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM FORM & BUFFER: KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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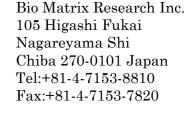
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib050 **CLONE NUMBER:** F1B-2941 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM FORM & BUFFER: KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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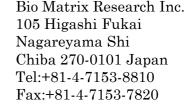
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib051 **CLONE NUMBER:** F1B-2982 **SUBCLASS:** IgG2b LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM FORM & BUFFER: KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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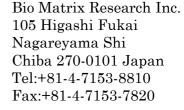
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib052 **CLONE NUMBER:** F1B-3516 **SUBCLASS:** IgG2b LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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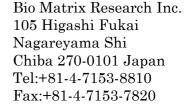
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib053 F1B-3554 **CLONE NUMBER: SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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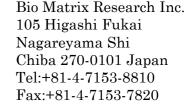
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib054 **CLONE NUMBER:** F1B-3559 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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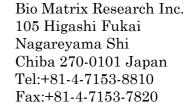
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib055 **CLONE NUMBER:** F1B-3880 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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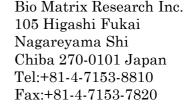
USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.





PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib056 **CLONE NUMBER:** F2B-461 **SUBCLASS:** IgG1 LOT NUMBER: F2B461-003 4.2 mg/mL**CONCENTRATION:** (OD280nm, E<sup>0.1%</sup>=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites **IMMUNOGEN:** Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) No cross reaction to Influenza A virus nucleoprotein **CROSS REACTIVITY: GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM FORM & BUFFER: NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 0.05% NaN<sub>3</sub> **PRESERVATIVE: APPLICATIONS:** 0 **USAGE RECOMMENDATIONS: STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.





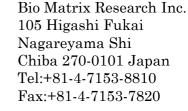
### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib057 **CLONE NUMBER:** F2B-1261 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.

USERS MUST ESTABLISH PERFORMANCE CHARACTERISTICS FOR THEIR PARTICULAR ASSAY.

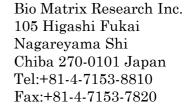




PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib058 **CLONE NUMBER:** F2B-1313 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.

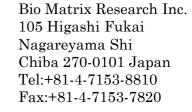
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PRODUCT:	Influenza B Virus (NP) Antibody	
CATALOG NUMBER:	BMRib059	
CLONE NUMBER:	F2B-1817	
SUBCLASS:	IgG2a	
LOT NUMBER:	F2B1817-001	
CONCENTRATION:	3.0 mg/mL (OD280nm, E <sup>0.1%</sup> =1.38)	
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites	
IMMUNOGEN:	Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008	
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein	
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	
AFFINITY:	Not determined	
FORM & BUFFER:	Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3	
PRESERVATIVE:	$0.05\%~\mathrm{NaN_3}$	
APPLICATIONS:		0
USAGE RECOMMENDATIONS:		
STORAGE:	Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.	

<u>CAUTION:</u> Not for use in humans or clinical diagnosis.





# **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib060
CLONE NUMBER:	F2B-1966
SUBCLASS:	IgG2b
LOT NUMBER:	Depend on the purification Lot
CONCENTRATION:	$1\sim5$ mg/mL depending on the purification Lot. (OD280nm, $E^{0.1\%}=1.38$ )
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
PRESERVATIVE:	0.05% NaN <sub>3</sub>
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at $4^{\circ}\!\mathrm{C}$ for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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PERFORMANCE CHARACTERISTICS MAY DIFFER BY ASSAY SYSTEM.

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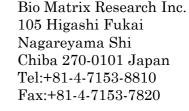
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib061 **CLONE NUMBER:** F2B-2199 **SUBCLASS:** IgG1 LOT NUMBER: Depend on the purification Lot  $1\sim5$  mg/mL depending on the purification Lot. **CONCENTRATION:** (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM FORM & BUFFER: KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib062 **CLONE NUMBER:** F2B-2606 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot **CONCENTRATION:**  $1\sim5$  mg/mL depending on the purification Lot. (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) No cross reaction to Influenza A virus nucleoprotein **CROSS REACTIVITY: GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM **FORM & BUFFER:** KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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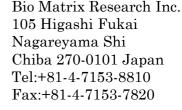
#### **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT: Influenza B Virus (NP) Antibody **CATALOG NUMBER:** BMRib063 **CLONE NUMBER:** F2B-3798 **SUBCLASS:** IgG2a LOT NUMBER: Depend on the purification Lot  $1\sim5$  mg/mL depending on the purification Lot. **CONCENTRATION:** (OD280nm, E<sup>0.1</sup>%=1.38) **HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008 **IMMUNOGEN: SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope) **CROSS REACTIVITY:** No cross reaction to Influenza A virus nucleoprotein **GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC) Not determined **AFFINITY:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM FORM & BUFFER: KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3 0.05% NaN<sub>3</sub> PRESERVATIVE: **APPLICATIONS: USAGE RECOMMENDATIONS:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles. **STORAGE:** 

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PRODUCT: Influenza B Virus (NP) Antibody

CATALOG NUMBER: BMRib064

CLONE NUMBER: F2B-3843

SUBCLASS: IgG2a

**LOT NUMBER:** Depend on the purification Lot

CONCENTRATION:  $1 \sim 5 \text{ mg/mL}$  depending on the purification Lot.

 $(OD280nm, E^{0.1\%}=1.38)$ 

**HOST:** Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice.

Source: Ascites

IMMUNOGEN: Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008

**SPECIFICITY:** Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)

CROSS REACTIVITY: No cross reaction to Influenza A virus nucleoprotein

**GRADE & PURITY:** In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)

**AFFINITY:** Not determined

**FORM & BUFFER:** Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM

KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 &

Na2HPO4), 150mM NaCl, 0.05% NaN3

**PRESERVATIVE:** 0.05% NaN<sub>3</sub>

**APPLICATIONS:** Sandwich ELISA

**USAGE RECOMMENDATIONS:** Sandwich ELISA:

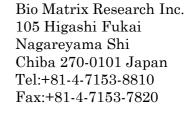
Detector (conjugate) antibody: paired with capture (solid) antibodies, FLB-1921, F1B-1618, F1B-

1509 or F1B-1777

**STORAGE:** Store at 4°C for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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**STORAGE:** 

# **MONOCLONAL ANTIBODY DATA SHEET**

Influenza B Virus (NP) Antibody	
BMRib065	
F2B-4349	
IgG2a	
F2B4349-001	
3.4 mg/mL (OD280nm, E <sup>0.1%</sup> =1.38)	
Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice Source: Ascites	
Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008	
Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)	
No cross reaction to Influenza A virus nucleoprotein	
In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)	
Not determined	
Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3	
$0.05\%~\mathrm{NaN_3}$	
	0
	F2B-4349  IgG2a  F2B4349-001  3.4 mg/mL  (OD280nm, E <sup>0.1%</sup> =1.38)  Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice Source: Ascites  Inactivated Influenza B virus:B/Malaysia/2506/2004 and B/Brisbane/60/2008  Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)  No cross reaction to Influenza A virus nucleoprotein  In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)  Not determined  Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3

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CAUTION:

Bio Matrix Research Inc. 105 Higashi Fukai Nagareyama Shi Chiba 270-0101 Japan Tel:+81-4-7153-8810 Fax:+81-4-7153-7820

# **MONOCLONAL ANTIBODY DATA SHEET**

PRODUCT:	Influenza B Virus (NP) Antibody
CATALOG NUMBER:	BMRib066
CLONE NUMBER:	F2B-5202
SUBCLASS:	IgG1
LOT NUMBER:	Depend on the purification Lot
CONCENTRATION:	$1\sim5$ mg/mL depending on the purification Lot. (OD280nm, $E^{0.1\%}=1.38$ )
HOST:	Host: Mouse. Hybridization of P3X63.Ag8.653 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
IMMUNOGEN:	Inactivated Influenza B virus: B/Malaysia/2506/2004 and B/Brisbane/60/2008
SPECIFICITY:	Influenza B (Nucleoprotein), Influenza B Virus nucleoprotein (species specific conserved epitope)
CROSS REACTIVITY:	No cross reaction to Influenza A virus nucleoprotein
GRADE & PURITY:	In vitro use only. Purity is more than 95% (SDS-PAGE or UPLC)
AFFINITY:	Not determined
FORM & BUFFER:	Protein A or Protein G purified and supplied as a liquid in PBS(-); pH7.4, 3mM KCl, 1.5mM KH2PO4, 140mM NaCl, 8.0mM Na2HPO4 and 0.05% NaN3 or PBS; pH7.4, 10mM (NaH2PO4 & Na2HPO4), 150mM NaCl, 0.05% NaN3
PRESERVATIVE:	0.05% NaN <sub>3</sub>
APPLICATIONS:	
USAGE RECOMMENDATIONS:	
STORAGE:	Store at $4^{\circ}\text{C}$ for short term or -20°C for longer storage. Avoid repeated freeze/thaw cycles.

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