

Catalog No. BMR 00227

Mouse monoclonal antibody **Anti-Human MYBL2**

■ Formulation

Mouse monoclonal anti-human **MYBL2** antibody in PBS (3.0 mM KCl, 1.5 mM KH₂PO₄, 140 mM NaCl, 8.0 mM Na₂HPO₄ (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN₃).

■ Antibody concentration

100 µg/ml (1.0 ml)

■ Storage

Store at 2-8°C for up to one year.
 We recommend storing at -20°C for long-term storage.
 Avoid repeat freezing and thawing cycles.

■ Preparation

This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.

■ Sterility

Filtered through a 0.22 µm membrane.

■ Applications

Please visit our website at <http://www.biomatrix.co.jp/>.

■ Disposal

This antibody solution contains sodium azide (NaN₃) as a preservative. There is a potential hazard that NaN₃ reacts with copper or lead to produce an explosive compound. For safe disposal, the vial has to be washed thoroughly with water.

■ Safety warnings and precautions

Caution must be taken to avoid contact with skin or eyes. In such a case, rinse thoroughly at once with water. Do not ingest, inhale, or swallow. Seek medical attention immediately.

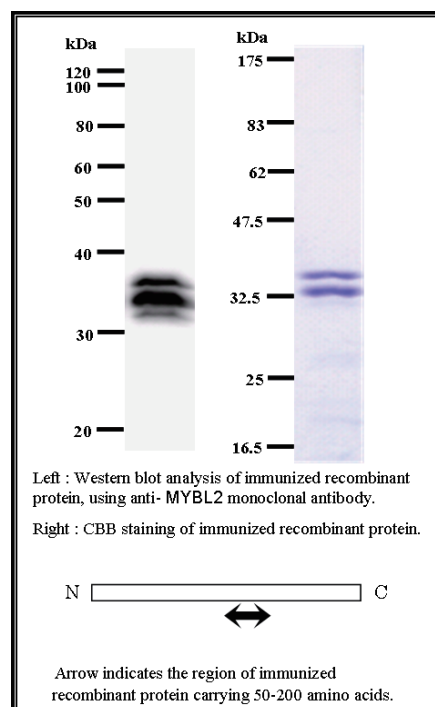
Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves.

It is strongly advised that this product should be handled by people who have been well trained in laboratory techniques and that it is handled with care pursuant to the principles of good laboratory practice.

All chemicals are deemed potentially harmful.

The vial is prone to fall over. Use caution, especially when the lid is off.

Lot No. **MYBAD10A-2**
 Clone No. **MYBAD10A**
 Antibody class : **IgG1**
 Immunogen : **Recombinant**



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Mouse monoclonal antibody

Anti-Human MYBL2

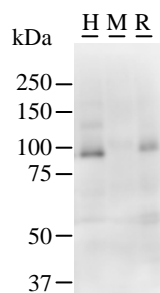
■ Background

The protein encoded by this gene, a member of the MYB family of transcription factor genes, is a nuclear protein involved in cell cycle progression. The encoded protein is phosphorylated by cyclin A/cyclin-dependent kinase 2 during the S-phase of the cell cycle and possesses both activator and repressor activities. It has been shown to activate the cell division cycle 2, cyclin D1, and insulin-like growth factor-binding protein 5 genes. Transcript variants may exist for this gene, but their full-length natures have not been determined. [NCBI Entrez Gene Summary]

■ Recommended condition

WB: 0.2-2 µg/ml ICC: 2-100 µg/ml

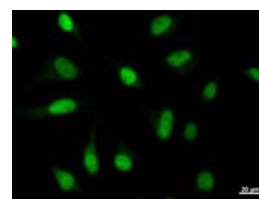
■ Application



Detection of MYBL2 by Western blot.

Samples: Whole cell lysate from human HEK293 (H, 25 µg), mouse NIH3T3 (M, 25 µg) and rat F2408 (R, 25 µg) cells. [Lot No. MYBAD10A-2]

Predicted molecular weight: 78 kDa



Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-MYBL2 mAb. [Lot No. MYBAD10A-2]