

## Catalog No. BMR 00315

Mouse monoclonal antibody

Anti-Human **TFAP2A**

### ■ Formulation

Mouse monoclonal anti-human **TFAP2A** antibody in PBS (3.0 mM KCl, 1.5 mM KH<sub>2</sub>PO<sub>4</sub>, 140 mM NaCl, 8.0 mM Na<sub>2</sub>HPO<sub>4</sub> (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN<sub>3</sub>).

### ■ 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 (NaN<sub>3</sub>) as a preservative. There is a potential hazard that NaN<sub>3</sub> 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.

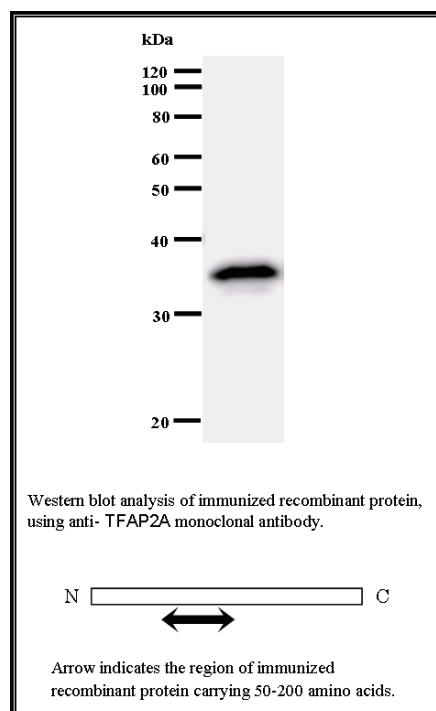
Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves.

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. **959C2a-1**  
Clone No. **959C2a**  
Antibody class : **IgG1**  
Immunogen : **Recombinant**



FOR RESEARCH USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES.

manufactured by BMR

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**Mouse monoclonal antibody**

**Anti-Human TFAP2A**

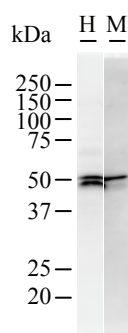
### ■ Background

AP2-alpha is a 52-kD retinoic acid-inducible and developmentally regulated activator of transcription that binds to a consensus DNA-binding sequence CCCCAGGC in the SV40 and metallothionein (MIM 156350) promoters. [supplied by OMIM] [NCBI Entrez Gene Summary]

### ■ Recommended condition

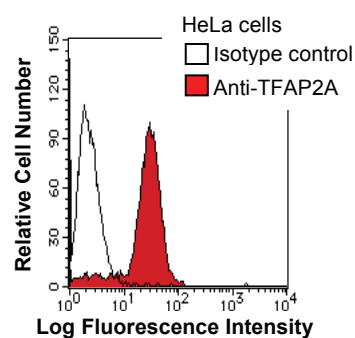
WB: 0.2-2 µg/ml FC: 0.5-2 µg/sample

### ■ Application



Detection of TFAP2A by Western blot.  
Samples: Whole cell lysate from human HEK293 (H, 50 µg) and mouse NIH3T3 (M, 50 µg) cells. [Lot No. 959C2a-1]

Predicted molecular weight: 48 kDa



HeLa cells were fixed in 2% paraformaldehyde/PBS and then permeabilized in 90% methanol. Cells were stained with anti-TFAP2A mAb (shaded) or isotype control (unshaded) followed by Alexa Fluor® 488-conjugated goat anti-mouse IgG. [Lot No. 959C2a-1]