



COSMO BIO CO., LTD.
Inspiration for Life Science

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Catalog No. CBX00600

Mouse monoclonal antibody

Anti-Human **TRIOBP**

■ Formulation

Mouse monoclonal anti-human **TRIOBP** antibody in PBS (3.0 mM KCl, 1.5 mM KH_2PO_4 , 140 mM NaCl, 8.0 mM Na_2HPO_4 (pH 7.4)) containing 1% bovine serum albumin (BSA) and 0.05% sodium azide (NaN_3).

■ Antibody concentration

100 $\mu\text{g}/\text{ml}$ (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

WB, Dot Blot

■ Disposal

This antibody solution contains sodium azide (NaN_3) as a preservative. There is a potential hazard that NaN_3 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

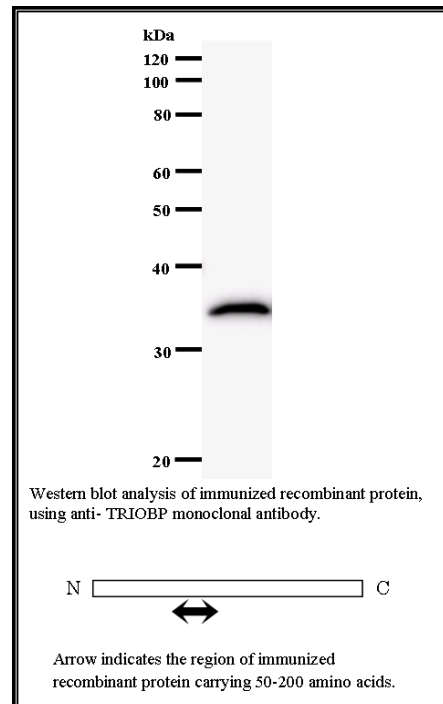
Caution must be taken to avoid contact with skin or eyes. In such a case, rinse thoroughly at once with water. Do not ingest, inhale, or swallow. Seek medical attention immediately.
Wear appropriate protective clothing such as laboratory overalls, safety glasses and gloves.
It is strongly advised that 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. **2438C1a-1**

Clone No. **2438C1a**

Antibody class : **IgG1**

Immunogen : **Recombinant**



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

manufactured by BMR



Catalog No. **CBX00600**

Mouse monoclonal antibody

Anti-Human TRIOBP

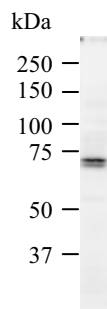
■ Background

This gene encodes a protein that interacts with trio, which is involved with neural tissue development and controlling actin cytoskeleton organization, cell motility and cell growth. This trio-binding protein also associates with F-actin and stabilizes F-actin structures. Domains contained in this encoded protein are an N-terminal pleckstrin homology domain and a C-terminal coiled-coil region. Mutations in this gene have been associated with a form of autosomal recessive nonsyndromic deafness. Multiple alternatively spliced transcript variants that would encode different isoforms have been found for this gene, however some transcripts may be subject to nonsense-mediated decay (NMD). [NCBI Entrez Gene Summary]

■ Recommended condition

WB: 0.2-2 μ g/ml

■ Application



Detection of human TRIOBP by Western blot.
Samples: Whole cell lysate (25 μ g) from HEK293 cells.
[Lot No. 2438C1a-1]

Predicted molecular weight: 74 kDa