

### TRIP6 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant TRIP6. Catalog # AT4364a

#### Specification

# TRIP6 Antibody (monoclonal) (M04) - Product Information

Application Primary Accession Other Accession Reactivity Host Clonality Isotype Calculated MW IF, WB, E <u>Q15654</u> <u>NM\_003302</u> Human mouse Monoclonal IgG3 Kappa 50288

# TRIP6 Antibody (monoclonal) (M04) - Additional Information

Gene ID 7205

**Other Names** Thyroid receptor-interacting protein 6, TR-interacting protein 6, TRIP-6, Opa-interacting protein 1, OIP-1, Zyxin-related protein 1, ZRP-1, TRIP6, OIP1

**Target/Specificity** TRIP6 (NP\_003293, 51 a.a. ~ 148 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Dilution** WB~~1:500~1000

**Format** Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

TRIP6 Antibody (monoclonal) (M04) is for research use only and not for use in diagnostic or therapeutic procedures.

### TRIP6 Antibody (monoclonal) (M04) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- <u>Western Blot</u>
- Blocking Peptides
- Dot Blot



- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

TRIP6 Antibody (monoclonal) (M04) - Images



Immunofluorescence of monoclonal antibody to TRIP6 on HeLa cell. [antibody concentration 35 ug/ml]



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa).

250 = 150 = 100 = 75 =	
50 -	
37 -	
25-	
20 -	
15-	
10-	

TRIP6 monoclonal antibody (M04), clone 4B7 Western Blot analysis of TRIP6 expression in Hela S3



# NE ( (Cat # AT4364a )



Western Blot analysis of TRIP6 expression in transfected 293T cell line by TRIP6 monoclonal antibody (M04), clone 4B7.

Lane 1: TRIP6 transfected lysate(50.3 KDa). Lane 2: Non-transfected lysate.



Detection limit for recombinant GST tagged TRIP6 is approximately 0.1ng/ml as a capture antibody.

### TRIP6 Antibody (monoclonal) (M04) - Background

This gene is a member of the zyxin family and encodes a protein with three LIM zinc-binding domains. This protein localizes to focal adhesion sites and along actin stress fibers. Recruitment of this protein to the plasma membrane occurs in a lysophosphatidic acid (LPA)-dependent manner and it regulates LPA-induced cell migration. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.

### TRIP6 Antibody (monoclonal) (M04) - References

Lysophosphatidic acid 2 receptor-mediated supramolecular complex formation regulates its antiapoptotic effect. E S, et al. J Biol Chem, 2009 May 22. PMID 19293149.IL-12 stimulates the osteoclast inhibitory peptide-1 (OIP-1/hSca) gene expression in CD4+ T cells. Shanmugarajan S, et al. J Cell Biochem, 2009 May 1. PMID 19259951.An empirical framework for binary interactome mapping. Venkatesan K, et al. Nat Methods, 2009 Jan. PMID 19060904.TRIP6, a novel molecular partner of the MAGI-1 scaffolding molecule, promotes invasiveness. Chastre E, et al. FASEB J, 2009 Mar. PMID 19017743.Osteoclast inhibitory peptide-1 (OIP-1) inhibits measles virus nucleocapsid protein stimulated osteoclast formation/activity. Shanmugarajan S, et al. J Cell Biochem, 2008 Jul 1. PMID 18348201.