

## TRIP6 Antibody (monoclonal) (M04)

Mouse monoclonal antibody raised against a partial recombinant TRIP6.

Catalog # AT4364a

### Specification

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

Application	IF, WB, E
Primary Accession	<a href="#">Q15654</a>
Other Accession	<a href="#">NM_003302</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG3 Kappa
Calculated MW	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.

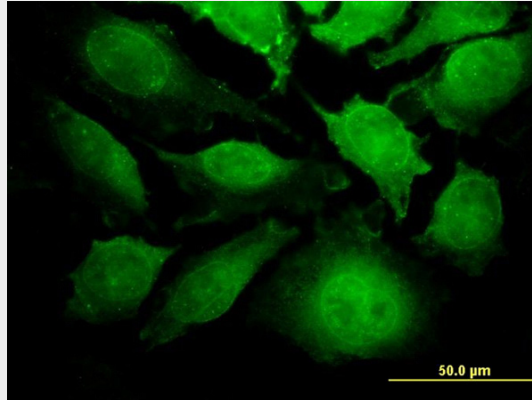
#### TRIP6 Antibody (monoclonal) (M04) - Protocols

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

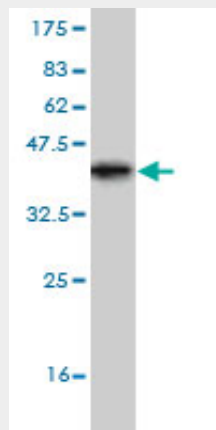
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

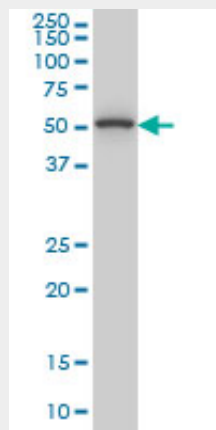
### TRIP6 Antibody (monoclonal) (M04) - Images



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

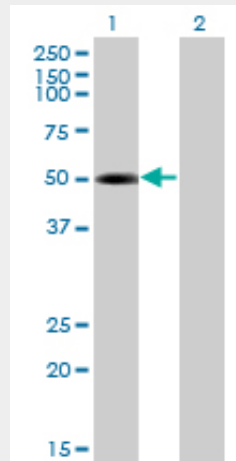


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .



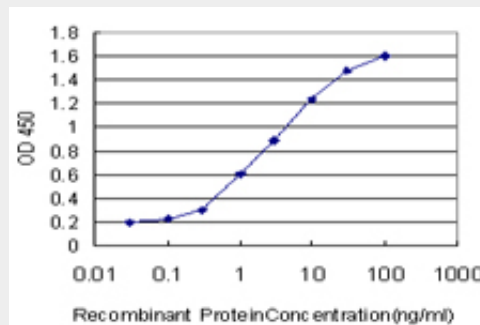
TRIP6 monoclonal antibody (M04), clone 4B7 Western Blot analysis of TRIP6 expression in HeLa S3

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.