

**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.

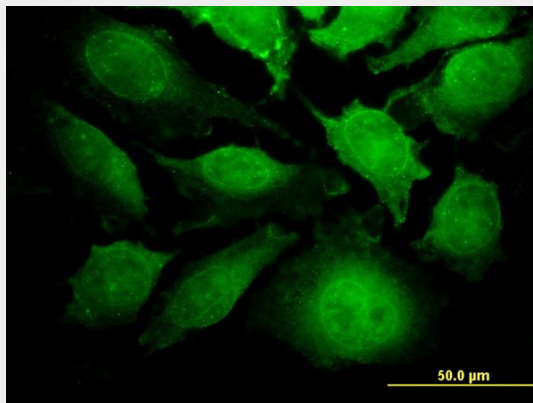
**TRIP6 Antibody (monoclonal) (M04) - Protocols**

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

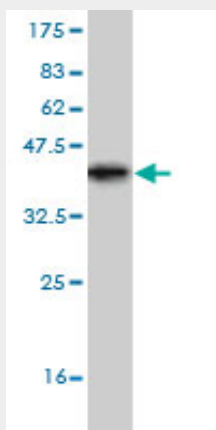
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

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

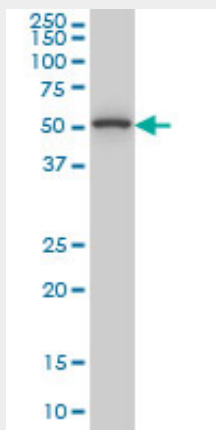
## TRIP6 Antibody (monoclonal) (M04) - Images



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

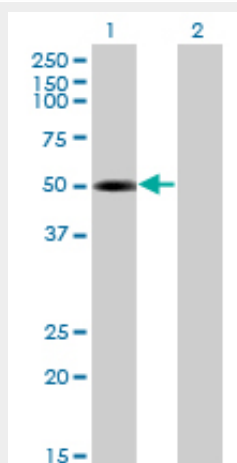


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.52 KDa) .



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

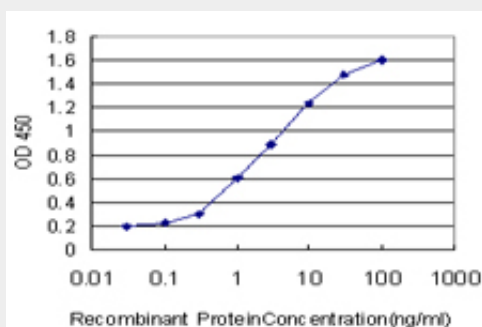
NE ( (Cat # AT4364a )



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.