10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

TRIM23 Antibody (monoclonal) (M05)

Mouse monoclonal antibody raised against a partial recombinant TRIM23.
Catalog # AT4344a

Specification

TRIM23 Antibody (monoclonal) (M05) - Product Information

Application	**WB, E**
Primary Accession	P36406
Other Accession	BC022510
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**64067**

TRIM23 Antibody (monoclonal) (M05) - Additional Information

Gene ID 373

Other Names
E3 ubiquitin-protein ligase TRIM23, 632-, ADP-ribosylation factor domain-containing protein 1, GTP-binding protein ARD-1, RING finger protein 46, Tripartite motif-containing protein 23, TRIM23, ARD1, ARFD1, RNF46

Target/Specificity
TRIM23 (AAH22510, 1 a.a. ~ 110 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
TRIM23 Antibody (monoclonal) (M05) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM23 Antibody (monoclonal) (M05) - Protocols

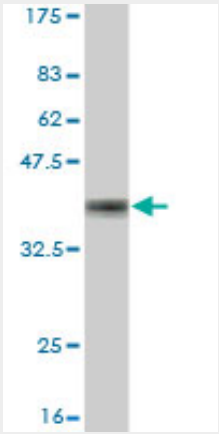
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

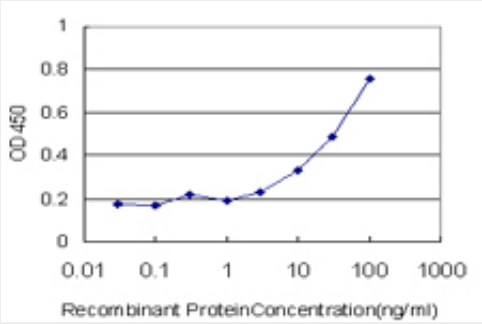
10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TRIM23 Antibody (monoclonal) (M05) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged TRIM23 is approximately 3ng/ml as a capture antibody.

TRIM23 Antibody (monoclonal) (M05) - Background

The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. This protein is also a member of the ADP ribosylation factor family of guanine nucleotide-binding family of proteins. Its carboxy terminus contains an ADP-ribosylation factor domain and a guanine nucleotide binding site, while the amino terminus contains a GTPase activating protein domain which acts on the guanine nucleotide binding site. The protein localizes to lysosomes and the Golgi apparatus. It plays a role in the formation of intracellular transport vesicles, their movement from one compartment to another, and phopholipase D activation. Three alternatively spliced transcript variants for this gene have been described.

TRIM23 Antibody (monoclonal) (M05) - References

Identification of TRIM23 as a cofactor involved in the regulation of NF-kappaB by human cytomegalovirus. Poole E, et al. J Virol, 2009 Apr. PMID 19176615.An empirical framework for binary interactome mapping. Venkatesan K, et al. Nat Methods, 2009 Jan. PMID 19060904.Towards a

proteome-scale map of the human protein-protein interaction network. Rual JF, et al. Nature, 2005 Oct 20. PMID 16189514.E3 ubiquitin ligase activity of the trifunctional ARD1 (ADP-ribosylation factor domain protein 1). Vichi A, et al. Proc Natl Acad Sci U S A, 2005 Feb 8. PMID 15684077.The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.