

#### 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

E~~N/A

#### **Format**

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

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

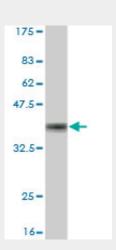
Provided below are standard protocols that you may find useful for product applications.

Western Blot

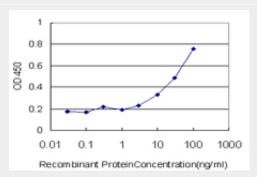


- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# 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





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