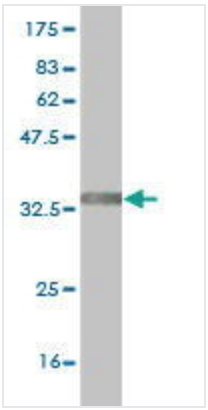
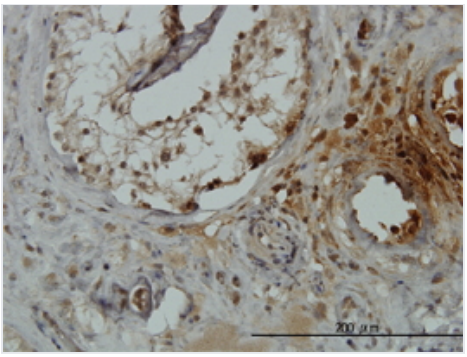
TRIM49 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

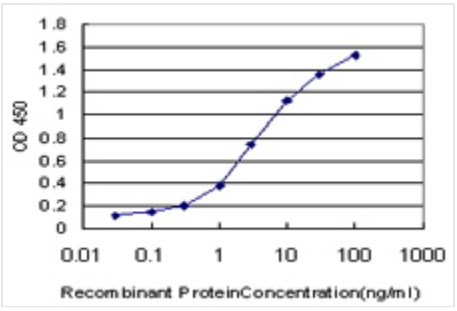
Product Name	TRIM49, Monoclonal Antibody
Full Product Name	TRIM49 (Tripartite Motif-containing Protein 49, RING Finger Protein 18, Testis-specific RING-Finger Protein, RNF18) (PE)
Product Gene Name	anti-TRIM49 antibody
Clonality	Monoclonal
Isotype	IgG
Clone Number	2E5
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human TRIM49.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Immunogen	Partial recombinant corresponding to aa251-341 from human TRIM49 (AAH75020) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ILHRSESVLLHMPQPLNPELSAGPITGLRDRLNQFRVHITLHHEEANNDIFLYEILRSMCIGCDHQDVPYFTATPRSFLAWGVQTFTSGK
Conjugate	PE
Product Categories/Family for anti-TRIM49 antibody	Antibodies; Transcription Factors
Applications Tested/Suitable for anti-TRIM49 antibody	ELISA (EIA), Immunohistochemistry (IHC) Paraffin, Western Blot (WB)
Application Notes for anti-TRIM49 antibody	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-TRIM49 antibody	MBS6160839 is an antibody targeting TRIM49. Also known as TRIM49 (Tripartite Motif-containing Protein 49, RING Finger Protein 18, Testis-specific RING-Finger Protein, RNF18) (PE). Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-TRIM49 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-TRIM49 antibody
Western Blot detection against Immunogen (36.01kD).



Immunohistochemistry (IHC) of anti-TRIM49 antibody
Immunoperoxidase of monoclonal antibody to TRIM49 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3ug/ml].



Testing Data of anti-TRIM49 antibody
Detection limit for recombinant GST tagged TRIM49 is ~0.03ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TRIM49. It may not necessarily be applicable to this product.

NCBI GI #	50960008
NCBI GeneID	57093
NCBI Accession #	BC075020
NCBI Related Accession #	NP_065091
UniProt Related Accession #	P0CI25
NCBI Official Full Name	Homo sapiens tripartite motif-containing 49, mRNA
NCBI Official Synonym Full Names	tripartite motif containing 49
NCBI Official Symbol	TRIM49
NCBI Official Synonym Symbols	RNF18; TRIM49A; TRIM49L2
Protein Family	Tripartite motif-containing protein
NCBI Protein Information	tripartite motif-containing protein 49
NCBI Summary for TRIM49	The protein encoded by this gene contains a RING zinc finger, a motif known to be involved in protein-protein interactions. This gene has been found to be preferentially expressed in testis. Related pseudogenes and gene duplicates have also been identified on chromosome 11. [provided by RefSeq, Aug 2010]
Research Articles on TRIM49	**1.** Expressed and purified human TRIM49 protein, and investigated the role of the SPRY and RING domains of human TRIM49 protein in E3 ubiquitin ligase activity.

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