TRIM49 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	TRIM49, Monoclonal Antibody
Full Product Name	TRIM49 (Tripartite Motif-containing 49, RING Finger Protein 18, Testis-specific RING Finger Protein, RNF18) (HRP)
Product Gene Name	anti-TRIM49 antibody
Clonality	Monoclonal
Isotype	IgG2a, lambda
Clone Number	2A3
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Purity/Purification	Purified
Specificity	Recognizes human TRIM49.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	52,888 Da
OMIM	606124
3D Structure	ModBase 3D Structure for Q9NS80
Immunogen	Recombinant protein corresponding to aa251-340 from human TRIM49 with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ILHRSESVLLHMPQPLNPELSAGPITGLRDRLNQFRVHITLHHEEANNDIFLYEILRSMCIGCDHQDVPYFTATPRSFLAWGVQTFTSGK
Conjugate	HRP
Product Categories/Family for anti-TRIM49 antibody	Antibodies; Transcription Factors; TRIM (Tripartite Motif)
Applications Tested/Suitable for anti-TRIM49 antibody	ELISA (EIA), Western Blot (WB)
Application Notes for anti-TRIM49 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-TRIM49 antibody	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.
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.

Searchable Terms for TRIM49 purchase	MBS6156195 is an antibody targeting TRIM49. Also known as TRIM49 (Tripartite Motif-containing 49, RING Finger Protein 18, Testis-specific RING Finger Protein, RNF18) (HRP). Reactive in Human. Host: Mouse.

ADDITIONAL DETAILS

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

NCBI GI #	9966829
NCBI GeneID	57093
NCBI Accession #	NP_065091
UniProt Primary Accession #	Q9NS80
UniProt Secondary Accession #	Q6DJV1; Q9NS80; A0AVR7; A0AVR9
UniProt Related Accession #	P0CI25
GenBank Nucleotide #	NM_020358
NCBI Official Full Name	tripartite motif-containing protein 49
NCBI Official Synonym Full Names	tripartite motif containing 49
NCBI Official Symbol	TRIM49
NCBI Official Synonym Symbols	RNF18; TRIM49A; TRIM49L2
UniProt Protein Name	Tripartite motif-containing protein 49
UniProt Synonym Protein Names	RING finger protein 18; Testis-specific RING-finger protein
Protein Family	Tripartite motif-containing protein
UniProt Gene Name	TRIM49
UniProt Synonym Gene Names	RNF18
UniProt Entry Name	TRI49_HUMAN
NCBI Protein Information	tripartite motif-containing protein 49; ring finger protein 18; testis-specific RING Finger protein; testis-specific ring-finger protein; tripartite motif-containing 49
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