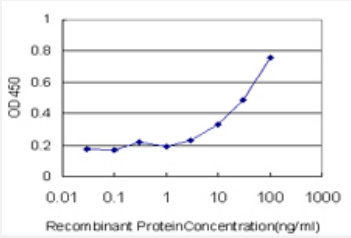
TRIM23 monoclonal antibody (M05), clone 3E8

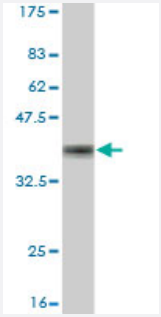
Catalog # H00000373-M05 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant TRIM23.
Immunogen	TRIM23 (AAH22510, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MATLVVNKLGAGVDSGRQGSRGTAVVKVLECGVCEDVFSLQGDKVPRLLLCGHTVCHDCLTRL PLHGRAIRCPFDRQVTDLGDSGVWGLKKNFALLELLERLQNGPIGQY
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa

Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

  Protocol Download

- Sandwich ELISA (Recombinant protein)

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

  Protocol Download

- ELISA

Gene Info — TRIM23

Entrez GeneID	373
GeneBank Accession#	BC022510
Protein Accession#	AAH22510
Gene Name	TRIM23
Gene Alias	ARD1, ARFD1, RNF46
Gene Description	tripartite motif-containing 23
Omim ID	601747
Gene Ontology	Hyperlink

Gene Summary	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 d omain which acts on the guanine nucleotide binding site. The protein localizes to lysosomes and t he Golgi apparatus. It plays a role in the formation of intracellular transport vesicles, their moveme nt from one compartment to another, and phopholipase D activation. Three alternatively spliced tr anscript variants for this gene have been described. [provided by RefSeq
Other Designations	ADP-ribosylation factor domain protein 1|ADP-ribosylation factor domain protein 1, 64kDa|ARF d omain protein 1|GTP-binding protein ARD-1|OTTHUMP00000123453|tripartite motif protein TRI M23