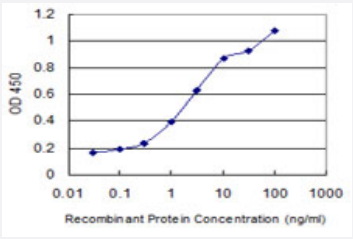
WWP1 monoclonal antibody (M02), clone 2B7

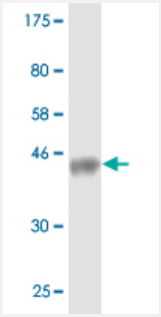
Catalog # H00011059-M02 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged WWP1 is 0.03 ng/ml as a capture antibody.



Western Blot detection against Immunogen (37.73 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant WWP1.
Immunogen	WWP1 (NP_008944, 152 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	CSSSPTIEIQENGDALHENGEPSARTTARLAVEGTNGIDNHVPTSTLVQNSCCSYVVNGDNTPSSPSQVAARPKNTPAPKPLASEPADDTVNGESSSFAPTDNASVTGT
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (90); Rat (90)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.73 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 WWP1 is 0.03 ng/ml as a capture antibody.

  Protocol Download

- ELISA

Gene Info — WWP1

Entrez GeneID	11059
GeneBank Accession#	NM_007013
Protein Accession#	NP_008944
Gene Name	WWP1
Gene Alias	AIP5, DKFZp434D2111, Tiul1, hSDRP1
Gene Description	WW domain containing E3 ubiquitin protein ligase 1
Omim ID	602307
Gene Ontology	Hyperlink

Gene Summary	WW domain-containing proteins are found in all eukaryotes and play an important role in the regulation of a wide variety of cellular functions such as protein degradation, transcription, and RNA splicing. This gene encodes a protein which contains 4 tandem WW domains and a HECT (homologous to the E6-associated protein carboxyl terminus) domain. The encoded protein belongs to a family of NEDD4-like proteins, which are E3 ubiquitin-ligase molecules and regulate key trafficking decisions, including targeting of proteins to proteosomes or lysosomes. Alternative splicing of this gene generates at least 6 transcript variants; however, the full length nature of these transcripts has not been defined. [provided by RefSeq
Other Designations	Nedd-4-like ubiquitin-protein ligase|TGIF-interacting ubiquitin ligase 1|atrophin-1 interacting protein 5

Pathway

- Endocytosis
- Ubiquitin mediated proteolysis