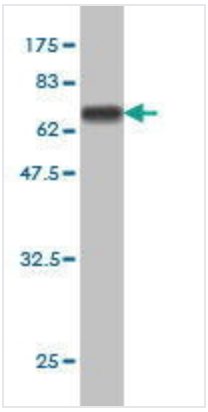
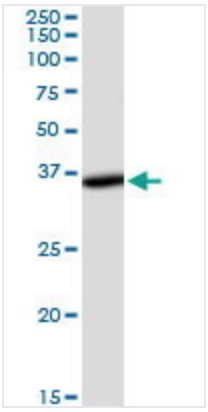
THUMPD1 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

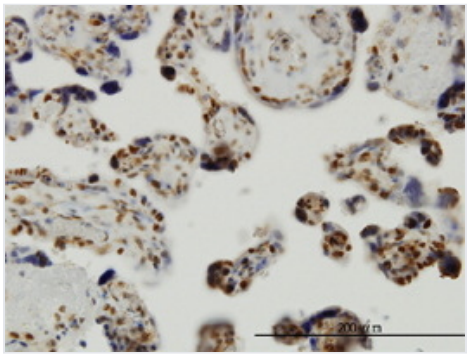
Product Name	THUMPD1, Monoclonal Antibody
Full Product Name	THUMPD1 (THUMP Domain-containing Protein 1)
Product Gene Name	anti-THUMPD1 antibody
Product Synonym Names	Anti -THUMPD1 (THUMP Domain-containing Protein 1)
Immunogen Sequence	MAAPAQQTTQ PGGGKRKGKA QYVLAKRARR CDAGGPRQLE PGLQGILITC NMNERKCVEE AYSLLNEYGD DMYGPEKFTD KDQQPSGSEG EDDDAEAALK KEVGDIKAST EMRLRRFQSV ESGANNVVFI RTLGIEPEKL VHHILQDMYK TKKKKTRVIL RMLPISGTCK AFLEDMKKYA ETFLEPWFKA PNKGTFQIVY KSRNNSHVNR EEVIRELAGI VCTLNSENKV DLTNPQYTVV VEIIKAVCCL SVVKDYMLFR KYNLQEVVKS PKDPSQLNSK QGNGKEAKLE SADKSDQNNT AEGKNNQQVP ENTEELGQTK PTSNPQVVNE GGAKPELASQ ATEGSKSNEN DFS
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	4A11
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Specificity	Recognizes human THUMPD1.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	39,315 Da
Chromosome Location	Chromosome: 16; NC_000016.9 (20732498..20753405, complement). Location: 16p12.3
3D Structure	ModBase 3D Structure for Q9NXG2
Immunogen	Full length recombinant corresponding to aa1-212 from THUMPD1 (AAH00448) with GST tag. MW of the GST tag alone is 26kD.
Product Categories/Family for anti-THUMPD1 antibody	Antibodies; Abs to Proteins
Applications Tested/Suitable for anti-THUMPD1 antibody	ELISA (EL/EIA), Western Blot (WB), Immunohistochemistry (IHC)
Application Notes for anti-THUMPD1 antibody	Suitable for use in ELISA, Western Blot and Immunohistochemistry. Dilution: Immunohistochemistry (Formalin fixed paraffin embedded): 3ug/ml
Related Product Information for anti-THUMPD1 antibody	MBS649888 is an antibody targeting THUMPD1. Also known as THUMPD1 (THUMP Domain-containing Protein 1). Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-THUMPD1 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.



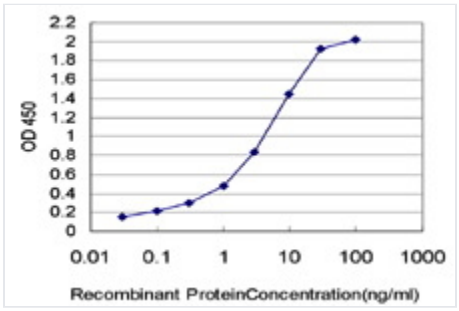
Western Blot (WB) of anti-THUMPD1 antibody
Western Blot detection against Immunogen (64.94kD).



Western Blot (WB) of anti-THUMPD1 antibody
THUMPD1 monoclonal antibody. Western Blot analysis of THUMPD1 expression in human kidney.



Immunohistochemistry (IHC) of anti-THUMPD1 antibody
Immunoperoxidase of monoclonal antibody to THUMPD1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3ug/ml].



Testing Data of anti-THUMPD1 antibody
Detection limit for recombinant GST tagged THUMPD1 is ~0.03ng/ml as a capture antibody.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for THUMPD1. It may not necessarily be applicable to this product.

NCBI GI #	42476024
NCBI GeneID	55623
NCBI Accession #	NP_060206.2
UniProt Primary Accession #	Q9NXG2
UniProt Secondary Accession #	Q9BWC3
UniProt Related Accession #	Q9NXG2
GenBank Nucleotide #	NM_017736.3
NCBI Official Full Name	THUMP domain-containing protein 1
NCBI Official Synonym Full Names	THUMP domain containing 1
NCBI Official Symbol	THUMPD1
UniProt Protein Name	THUMP domain-containing protein 1
Protein Family	THUMP domain-containing protein
UniProt Gene Name	THUMPD1
UniProt Entry Name	THUM1_HUMAN
NCBI Protein Information	THUMP domain-containing protein 1

UniProt Comments for THUMPD1	Sequence similarities: Belongs to the THUMPD1 family.Contains 1 THUMP domain.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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