

Mouse A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4) Monoclonal Antibody | anti-ADAMTS4 antibody

Monoclonal Antibody to A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA130642	Mouse	Human, Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

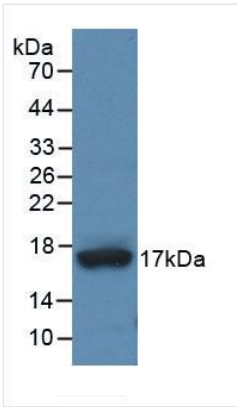
PRODUCT SYNONYMS

A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4); Monoclonal Antibody; Monoclonal Antibody to A Disintegrin And Metalloproteinase With Thrombospondin 4 (ADAMTS4); anti-ADAMTS4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	1#
Specificity	The antibody is a mouse monoclonal antibody raised against ADAMTS4. It has been selected for its ability to recognize ADAMTS4 in immunohistochemical staining and western blotting.
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal His-Tag and its sequence is listed below. MG HHHHHHSGSE F-TFPGDYD ADRQCQLTFG PDSRHCPQLP PPCAALWCSG HLNGHAMCQT KHSPWADGTP CGPAQACMGG RCLHMDQLQD FNIPQAGGWG PWGPWG
Sequence Length	837
Applicable Applications for anti-ADAMTS4 antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Organism Species	Homo sapiens (Human)
Source	Monoclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant ADAMTS4 (Thr437~Pro575 (Accession # O75173)) expressed in E.coli
Cross Reactivity	Human
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)
Western Blot: Sample: Recombinant ADAMTS4, Human.

NCBI AND UNIPROT INFORMATION

NCBI GI #	998614223
NCBI GeneID	9507
NCBI Accession #	NP_001307265.1
NCBI GenBank Nucleotide #	NM_001320336.1
UniProt Accession #	O75173; Q2HYD0; Q5VTW2; Q6P4Q8; Q6UWA8; Q9UN83
Molecular Weight	90,065 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 4 isoform 2
NCBI Official Synonym Full Names	ADAM metalloproteinase with thrombospondin type 1 motif 4
NCBI Official Symbol	ADAMTS4
NCBI Official Synonym Symbols	ADMP-1; ADAMTS-2; ADAMTS-4
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 4
UniProt Gene Name	ADAMTS4
UniProt Synonym Gene Names	KIAA0688; ADAM-TS 4; ADAM-TS4; ADAMTS-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/a-disintegrin-and-metalloproteinase-with-thrombospondin-4-adamts4-antibody-clone-1-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/130642>