

Rabbit anti-Human ADAMTS13 Monoclonal Antibody | anti-ADAMTS13 antibody

ADAMTS13 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312683	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

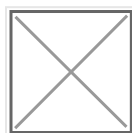
PRODUCT SYNONYMS

ADAMTS13; Monoclonal Antibody; ADAMTS13 Antibody; A disintegrin and metalloproteinase with thrombospondin motifs 13 antibody; A disintegrin like and metalloprotease (reprolysin type) with thrombospondin type 1 motif 13 antibody; A disintegrin like and metalloprotease with thrombospondin type 1 motif 13 antibody; ADAM metalloproteinase with thrombospondin type 1 motif 13 antibody; ADAM TS antibody; ADAM-TS 13 antibody; ADAM-TS13 antibody; ADAMTS 13 antibody; ADAMTS-13 antibody; ADAMTS13 antibody; ADAMTS13 protein antibody; ATS13_HUMAN antibody; C9orf8 antibody; TTP antibody; Von Willebrand factor cleaving protease antibody; von Willebrand factor-cleaving protease antibody; vWF cleaving protease antibody; vWF CP antibody; vWF-cleaving protease antibody; vWF-CP antibody; vWFCP antibody; anti-ADAMTS13 antibody

PRODUCT SPECIFICATIONS

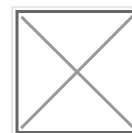
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	JG39-21
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ADAMTS13 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within human ADAMTS13 aa 150-350.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



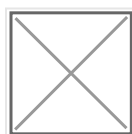
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of HepG2 cells with ADAMTS13 antibody at 1/100 dilution (purple) compared with an unlabelled control (cells without incubation with primary antibody; yellow). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



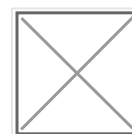
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-ADAMTS13 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human liver tissue using anti-ADAMTS13 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of ADAMTS13 on SiHa cell (1), PC-3M cell (2) and A549 cell lysates using anti-ADAMTS13 antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ADAMTS13 antibody	ADAMTS13 (a disintegrin and metalloproteinase with a thrombospondin type 1 motif, member 13)also known as von Willebrand factor-cleaving protease (VWFCP)is a zinc-containing metalloprotease enzyme that cleaves von Willebrand factor (vWf), a large protein involved in blood clotting. It is secreted in blood and degrades large vWf multimers, decreasing their activity. Glycosylated. O-fucosylated by POFUT2 on a serine or a threonine residue found within the consensus sequence C1-X2- (S/T)-C2-G of the TSP type-1 repeat domains where C1 and C2 are the first and second cysteine residue of the repeat, respectively. Fucosylated repeats can then be further glycosylated by the addition of a beta-1, 3-glucose residue by the glucosyltransferase, B3GALT1.
Product Categories/Family for anti-ADAMTS13 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	73695936
NCBI GeneID	11093
NCBI Accession #	NP_620596.2
NCBI GenBank Nucleotide #	NM_139027.4
UniProt Accession #	Q76LX8; Q6UY16; Q710F6; Q711T8; Q96L37; Q9H0G3; Q9UGQ1
Molecular Weight	147,804 Da
NCBI Official Full Name	A disintegrin and metalloproteinase with thrombospondin motifs 13 isoform 2 preproprotein
NCBI Official Synonym Full Names	ADAM metallopeptidase with thrombospondin type 1 motif 13
NCBI Official Symbol	ADAMTS13
NCBI Official Synonym Symbols	VWFCP; C9orf8; vWF-CP; ADAM-TS13; ADAMTS-13
NCBI Protein Information	A disintegrin and metalloproteinase with thrombospondin motifs 13
UniProt Protein Name	A disintegrin and metalloproteinase with thrombospondin motifs 13
UniProt Gene Name	ADAMTS13
UniProt Synonym Gene Names	C9orf8; ADAM-TS 13; ADAM-TS13; ADAMTS-13; vWF-CP; vWF-cleaving protease

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/adamts13-antibody-clone-jg39-21-flow-cytometry-immunohistochemistry-western-blot-elisa/312683>