

ADAMTS13 Rabbit mAb

Catalog No: #49953

Package Size: #49953-1 50ul #49953-2 100ul

Orders: order@signalwayantibody.com

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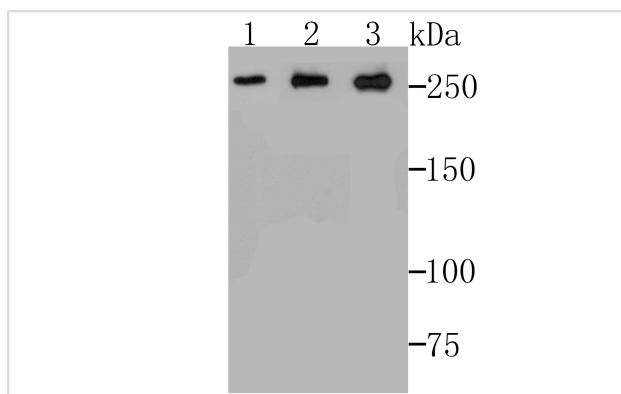
Description

Product Name	ADAMTS13 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JG39-21
Purification	ProA affinity purified
Applications	WB,IHC,FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein within human ADAMTS13 aa 150-350.
Other Names	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 vWF-CP antibody
Accession No.	Swiss-Prot#:Q76LX8
Uniprot	Q76LX8
GeneID	11093;
Calculated MW	Predicted band size 154 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

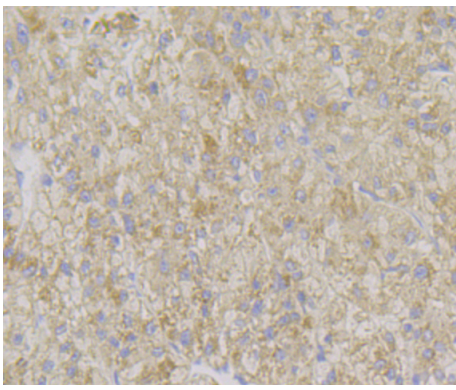
Application Details

WB: 1:500-1:2,000IHC: 1:50-1:200FC: 1:50-1:100

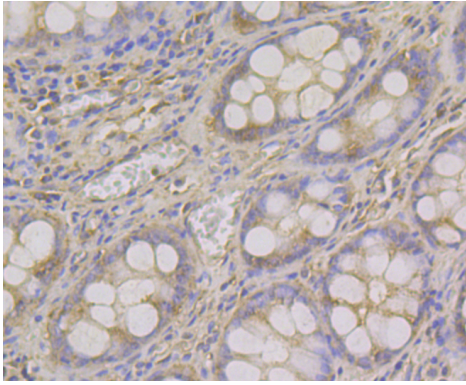
Images



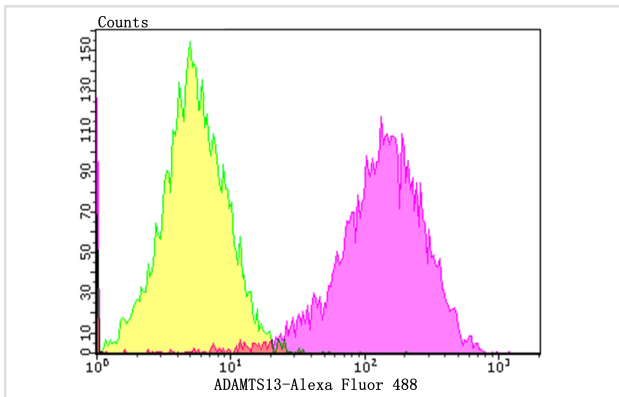
Western blot analysis of ADAMTS13 on SiHa cell (1), PC-3M cell (2) and A549 cell lysates using anti-ADAMTS13 antibody at 1/500 dilution.



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



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



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.

Background

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, B3GALTL.

References

Note: This product is for in vitro research use only