



20190515BB

Anti-Human ADAMTSL-1 (#9D18)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M211
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with Human ADAMTSL-1 recombinant protein.

Target Background

Synonyms (Target):	ADAMTSL1; C9orf94; PUNCTIN; ADAMTSR1; ADAMTSL-1
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ADAMTSL-1, also known as Punctin, is a secreted glycoprotein resembling members of the ADAMTS family although it lacks the propeptide region and the metalloproteinase and disintegrin-like domains. ADAMTSL1 is expressed in adult skeletal muscle and may have important functions in the extracellular matrix. Alternative splicing of the ADAMTSL-1 transcript results in three isoforms. Isoform1 is the longest and contains the entire isoform 2. Isoform 3 has the same sequence as isoforms 1 and 2 until residue 361, but a unique C-terminal end of 78 amino acids.

Database References Target

Protein RefSeq:	NP_443098.3
Uniprot ID:	Q8N6G6
mRNA RefSeq:	NM_052866.4

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#9D18)
Isotype	IgG2
Label	
Purification	Protein G chromatography
Antigen	recombinant human ADAMTSL-1
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human ADAMTSL-1.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

Western Blot: 1:500 - 1:1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!