

#### DESCRIPTION

<b>Species Reactivity</b>	Human
<b>Specificity</b>	Detects human ADAMTSL-1/Punctin in direct ELISAs and Western blots.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 212125
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Mouse myeloma cell line NS0-derived recombinant human ADAMTSL-1/Punctin Glu29-Ser525 Accession # Q8N6G6
<b>Conjugate</b>	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
<b>Formulation</b>	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.	

#### APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

<b>Western Blot</b>	Optimal dilution of this antibody should be experimentally determined.
<b>Immunoprecipitation</b>	Optimal dilution of this antibody should be experimentally determined.

#### PREPARATION AND STORAGE

<b>Shipping</b>	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

#### BACKGROUND

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. ADAMTSL-1 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. Isoform 1 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.

#### PRODUCT SPECIFIC NOTICES

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