

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human ADAMTSL-1/Punctin in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG _{2B} Clone # 212125
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant human ADAMTSL-1/Punctin Glu29-Ser525 Accession # Q8N6G6
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 nm
Formulation	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.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	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.

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