# Human ADAMTSL-1/Punctin Antibody

Monoclonal Mouse $IgG_{2B}$ Clone # 212125

Catalog Number: MAB1717

## DESCRIPTION

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| **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<br>Glu29-Ser525<br>Accession # Q8N6G6 |
| **Formulation** | Lyophilized from a 0.2 μm filtered solution in PBS with Trehalose. See Certificate of Analysis for details.<br>*Small pack size (-SP) is supplied either lyophilized or as a 0.2 μm filtered solution in PBS. |

## 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.*

| | Recommended Concentration | Sample |
|---|---|---|
| **Western Blot** | 1 µg/mL | Recombinant Human ADAMTSL-1/Punctin |
| **Immunoprecipitation** | 25 µg/mL | Conditioned cell culture medium spiked with Recombinant Human ADAMTSL-1/Punctin, see our available Western blot detection antibodies |

## PREPARATION AND STORAGE

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| **Reconstitution** | Reconstitute at 0.5 mg/mL in sterile PBS. |
| **Shipping** | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.<br>*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C |
| **Stability & Storage** | **Use a manual defrost freezer and avoid repeated freeze-thaw cycles.**<br>● 12 months from date of receipt, -20 to -70 °C as supplied.<br>● 1 month, 2 to 8 °C under sterile conditions after reconstitution.<br>● 6 months, -20 to -70 °C under sterile conditions after reconstitution. |

## 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. 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.



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