

For Research Use Only

# ADAMTS13 Recombinant antibody

Catalog Number: 85974-3-RR



## Basic Information

<b>Catalog Number:</b> 85974-3-RR	<b>GenBank Accession Number:</b> NM_139025	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 11093	<b>CloneNo.:</b> 250498E11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q76LX8	<b>Recommended Dilutions:</b> WB: 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> ADAM metalloproteinase with thrombospondin type 1 motif, 13	
<b>Immunogen Catalog Number:</b> EG2556	<b>Calculated MW:</b> 154 kDa	
	<b>Observed MW:</b> 180 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : human plasma,
<b>Species Specificity:</b> human	

## Background Information

ADAMTS13 (a disintegrin and metalloproteinase with thrombospondin type 1 motifs, member 13) is a zinc-dependent metalloproteinase that contains multiple domains, such as the signal peptide, propeptide, metalloproteinase domain, disintegrin-like domain, and TSP-1 domain, among others. The primary function of ADAMTS13 is to specifically cleave the ultra-large multimers of von Willebrand factor (vWF), preventing excessive platelet aggregation and the formation of microvascular thrombi. Deficiency of ADAMTS13 is closely associated with thrombotic thrombocytopenic purpura (TTP), a severe disease characterized by thrombocytopenia, microvascular thrombosis, and tissue damage. Additionally, reduced ADAMTS13 activity is also linked to diseases such as myocardial infarction and stroke.

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

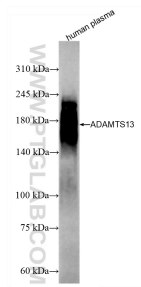
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## Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 85974-3-RR (ADAMTS13 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.