

For Research Use Only

# ADAMTS13 Recombinant antibody, PBS Only (Capture)

Catalog Number: 85974-3-PBS



## Basic Information

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

## Applications

**Tested Applications:**  
WB, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

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

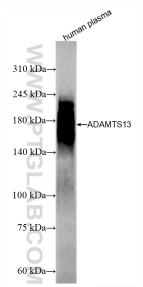
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

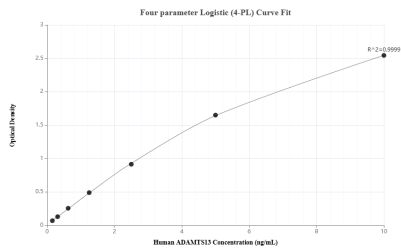
W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

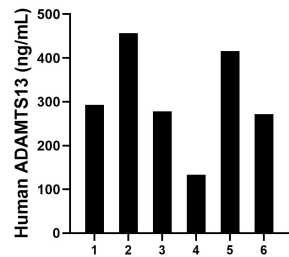
## Selected Validation Data



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. This data was developed using the same antibody clone with 85974-3-PBS in a different storage buffer formulation.



Sandwich ELISA standard curve of MP02235-2, Human ADAMTS13 Recombinant Matched Antibody Pair - PBS only. 85974-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2556. 85974-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Serum of six individual healthy human donors was measured. The human ADAMTS13 concentration of detected samples was determined to be 308.14 ng/mL with a range of 133.71 - 456.88 ng/mL