

For Research Use Only

Anti-Human ADAMTS13 Rabbit Recombinant Antibody

Catalog Number: 98468-2-RR



Basic Information

Catalog Number:

98468-2-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2556

GenBank Accession Number:

NM_139025

GeneID (NCBI):

11093

UNIPROT ID:

Q76LX8

Full Name:

ADAM metalloproteinase with
thrombospondin type 1 motif, 13

Calculated MW:

154 kDa

Purification Method:

Protein A purification

CloneNo.:

250498C4

Recommended Dilutions:

FC (Intra): 0.25 µg per 10⁶ cells in a
100 µl suspension

Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

Positive Controls:

FC (Intra) : HUVEC cells,

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 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

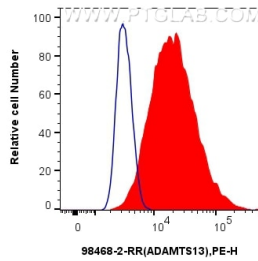
For technical support and original validation data for this product please contact:

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Selected Validation Data



1x10⁶ HUVEC cells were intracellularly stained with 0.25 ug Anti-Human ADAMTS13 Rabbit RecAb (98468-2-RR, Clone: 250498C4) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).