Anti-Human ADAMTS13 Rabbit Recombinant Antibody

Catalog Number:98468-2-RR

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Basic Information

Catalog Number:
98468-2-RR

Concentration:
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 metallopeptidase with thrombospondin type 1 motif, 13

Calculated MW:
154 kDa

Purification Method:
Protein A purification

CloneNo.:
250498C4

Recommended Dilutions:
FC (Intra): 0.25 ug per 10^6 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.
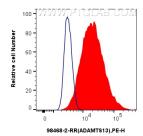
Storage

Storage:
Store at 2 - 8℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

Selected Validation Data

1x10^6 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).