

For Research Use Only

CoraLite®700 Anti-Human CD62P (AK4) Mouse IgG2a Recombinant Antibody

Catalog Number: CL700-65587



Basic Information

Catalog Number:

CL700-65587

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC028067

GeneID (NCBI):

6403

UNIPROT ID:

P16109

Full Name:

selectin P (granule membrane protein 140kDa, antigen CD62)

Calculated MW:

830 aa, 91 kDa

Purification Method:

Protein A purification

CloneNo.:

AK4

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

702 nm / 723 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : Thrombin treated human peripheral blood platelets,

Background Information

P-selectin, also known as GMP140 or CD62P, is a transmembrane glycoprotein that mediates the interaction of activated endothelial cells or platelets with leukocytes. It is an adhesion molecule involved in the pathogenesis of inflammation, thrombosis, and oncogenesis. P-selectin is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. Upon cell activation by agonists, P-selectin is transported rapidly to the cell surface.

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

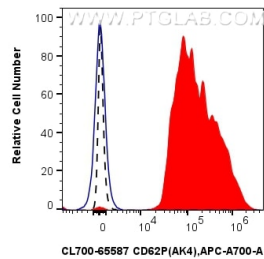
For technical support and original validation data for this product please contact:

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

Selected Validation Data



1×10^6 thrombin-treated human peripheral blood platelets were surface stained with 5 μ l CoraLite®700 Anti-Human CD62P (AK4) Mouse IgG2a RecAb (CL700-65587, Clone: AK4)(red), or unstained (blue). 1×10^6 untreated human peripheral blood platelets were surface stained with 5 μ l CoraLite®700 Anti-Human CD62P (AK4) Mouse IgG2a RecAb (CL700-65587, Clone: AK4) (black, dashed). Cells were not fixed.