

For Research Use Only

PE Anti-Human CD62P (AK4) Mouse IgG2a Recombinant Antibody

Catalog Number: PE-65587



Basic Information

Catalog Number: PE-65587	GenBank Accession Number: BC028067	Purification Method: Protein A purification
Size: 100tests, 5 ul/test	GeneID (NCBI): 6403	CloneNo.: AK4
Source: Mouse	Full Name: selectin P (granule membrane protein 140kDa, antigen CD62)	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG2a	Calculated MW: 830 aa, 91 kDa	

Applications

Tested Applications:
FC

Species Specificity:
human

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.

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

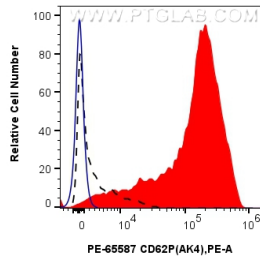
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Selected Validation Data



1x10⁶ thrombin treated human peripheral blood platelets were surface stained with 5 ul PE Anti-Human CD62P (AK4) Mouse IgG2a Recombinant Antibody (PE-65587, Clone: AK4) (red), or PE Mouse IgG2a Isotype Control (C1.18.4) (PE-65208, Clone: C1.18.4) (blue). 1x10⁶ untreated human peripheral blood platelets were surface stained with 5 ul PE Anti-Human CD62P (AK4) Mouse IgG2a Recombinant Antibody (PE-65587, Clone: AK4) (black). Cells were not fixed.