

For Research Use Only

Cardinal Red™ Anti-Human CD62P (AK4)



Catalog Number: **CR-65164**

Basic Information

Catalog Number: CR-65164	GenBank Accession Number: BC028067	Purification Method: Purified by protein-A affinity chromatography
Size: 100tests , 5 µl/test	GeneID (NCBI): 6403	CloneNo.: AK4
Source: Mouse	Full Name: selectin P (granule membrane protein 140kDa, antigen CD62)	Excitation/Emission maxima wavelengths: 592 nm / 611 nm
Isotype: IgG1, kappa	Calculated MW: 830 aa, 91 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human, Non-human primates

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

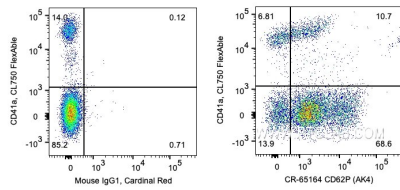
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1X10⁶ thrombin-activated human peripheral blood platelets were surface co-stained with Anti-Human CD41a labeled with FlexAble CoraLite® Plus750 Antibody Labeling Kit for Mouse IgG1 (KFA024) and 5 μ l Cardinal Red™ Anti-Human CD62P (CR-65164, Clone:AK4) or Mouse IgG1 Isotype Control. Cells were not fixed.