

For Research Use Only

Cardinal Red™ Anti-Human CD62P (AK4)



Catalog Number: **CR-65164**

Basic Information

Catalog Number:

CR-65164

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG1, kappa

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:

Purified by protein-A affinity chromatography

CloneNo.:

AK4

Excitation/Emission maximum wavelengths:

592 nm / 611 nm

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:

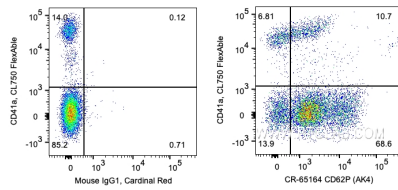
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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 ul Cardinal Red™ Anti-Human CD62P (CR-65164, Clone:AK4) or Mouse IgG1 Isotype Control. Cells were not fixed.