

For Research Use Only

CoraLite® Plus 594 Anti-Human CD62P (AK4)

Catalog Number: CL594-65164



Basic Information

Catalog Number:

CL594-65164

Concentration:

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

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in 100 µl suspension

Excitation/Emission maximum wavelengths:

594 nm / 615 nm

Applications

Tested Applications:

FC

Species Specificity:

human, non-human primates

Positive Controls:

FC : thrombin-activated 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:

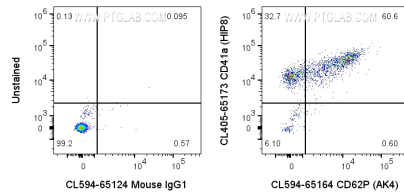
T: 4006900926

E: Proteintech-CN@ptglab.com

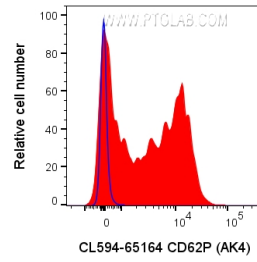
W: ptgcn.com

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Selected Validation Data



100ul thrombin-activated human platelet-rich plasma (diluted 1:2 in PBS) was surface stained with CL405 Anti-Human CD41a (CL405-65173) and 5 ul CoraLite® Plus 594 Anti-Human CD62P (CL594-65164, Clone:AK4) or CoraLite® 594 Mouse IgG1 Isotype Control (CL594-65124). Cells were not fixed.



100ul thrombin-activated human platelet-rich plasma (diluted 1:2 in PBS) was surface stained with 5 ul CoraLite® Plus 594 Anti-Human CD62P (CL594-65164, Clone:AK4) or CoraLite® 594 Mouse IgG1 Isotype Control (CL594-65124). Cells were not fixed.