

For Research Use Only

CoraLite® Plus 594 Anti-Human CD62P (AK4)

Catalog Number: CL594-65164



Basic Information

Catalog Number:

CL594-65164

Size:

100 tests, 5 ul/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:

594 nm / 615 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.

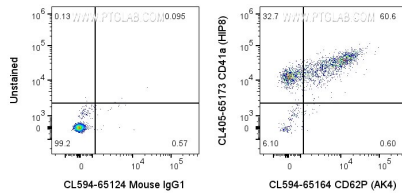
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

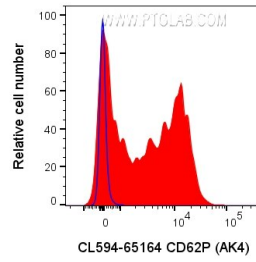
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.