CoraLite® Plus 647 Anti-Human CD41a (HIP8)

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Catalog Number: CL647-65173

Basic Information

Catalog Number:
CL647-65173

Size:
100tests , 5 ul/test

Source:
Mouse

Isotype:
IgG1, kappa

GenBank Accession Number:
BC117443

GeneID (NCBI):
3674

UNIPROT ID:
P08514

Full Name:
integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)

Purification Method:
Unknow

CloneNo.:
HIP8

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
human, non-human primates

Background Information

The integrins are a superfamily of cell adhesion receptors that bind to extracellular matrix ligands, cell-surface ligands, and soluble ligands (PMID: 17543136). They are transmembrane αβ heterodimers and at least 24 distinct integrin heterodimers are formed by the combination of 18 α and eight β known subunits (PMID: 17543136; 20029421). In addition to mediating cell adhesion, integrins also play important roles in modulating signal transduction pathways that control cellular responses including migration, proliferation, differentiation, and apoptosis (PMID:19118207). Integrin alpha-IIb (ITGA2B, CD41) is expressed on platelets, megakaryocytes and some hematopoietic progenitor cells (PMID: 11934866).
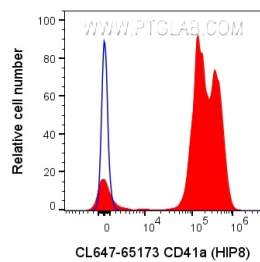
Storage

Storage:
Store at 2-8℃. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
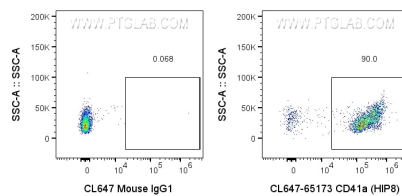PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

Selected Validation Data

100 ul human platelet-rich plasma (diluted 1:2 with PBS) was surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD41a (CL647-65173, Clone:HIP8) or CoraLite® Plus 647 Mouse IgG1 Isotype Control (CL647-65124). Cells were not fixed.

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