CoraLite® Plus 750 Anti-Human CD41a (HIP8)

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Antibodies | ELISA kits | Proteins
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Catalog Number:CL750-65173

Basic Information

Catalog Number: CL750-65173	**GenBank Accession Number:** BC117443	**Purification Method:** Unknow
Concentration: 100tests, 5 ul/test	**GeneID (NCBI):** 3674	**CloneNo.:** HIP8
Source: Mouse	**UNIPROT ID:** P08514	**Excitation/Emission maxima wavelengths:** 755 nm / 780 nm
Isotype: IgG1, kappa	**Full Name:** integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41)	

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 α β 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).
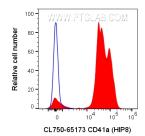
Storage

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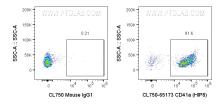**Storage Buffer:**
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

Selected Validation Data

100 ul human platelet-rich plasma (diluted 1:2 with PBS) was surface stained with 5 ul CoraLite® Plus 750 Anti-Human CD41a (CL750-65173, Clone:HIP8) or CoraLite® Plus 750 Mouse IgG1 Isotype Control (CL750-65124). Cells were not fixed.

100 ul human platelet-rich plasma (diluted 1:2 with PBS) was surface stained with 5 ul CoraLite® Plus 750 Anti-Human CD41a (CL750-65173, Clone:HIP8) or CoraLite® Plus 750 Mouse IgG1 Isotype Control (CL750-65124). Cells were not fixed.