

# Anti-Human CD41a (HIP8)

Catalog Number: 65173-1-Ig

## Basic Information

**Catalog Number:**

65173-1-Ig

**Size:**

100ug, 1 mg/ml

**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:**

Affinity purification

**CloneNo.:**

HIP8

## 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  $\alpha\beta$  heterodimers and at least 24 distinct integrin heterodimers are formed by the combination of 18  $\alpha$  and eight  $\beta$  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

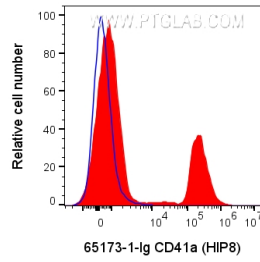
**Storage:**

Store at 2-8°C. Stable for one year after shipment.

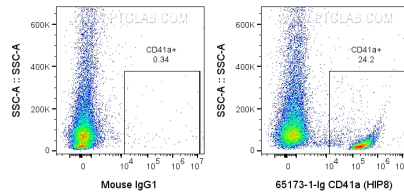
**Storage Buffer:**

PBS with 0.09% sodium azide.

## Selected Validation Data



100 ul human platelet rich plasma (diluted 1:4 with PBS) was surface stained with 0.2 ug Anti-Human CD41a (65173-1-Ig, Clone:HIP8) or Mouse IgG1 Isotype Control (65124-1-Ig, Clone: MOPC-21) and Multi-rAb CoraLite® Plus 647-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM005). Cells were not fixed.



100 ul human platelet rich plasma (diluted 1:4 with PBS) was surface stained with 0.2 ug Anti-Human CD41a (65173-1-Ig, Clone:HIP8) or Mouse IgG1 Isotype Control (65124-1-Ig, Clone: MOPC-21) and Multi-rAb CoraLite® Plus 647-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM005). Cells were not fixed.