

For Research Use Only

# Anti-Human CD41a (HIP8)

Catalog Number: 65173-1-Ig



## Basic Information

Catalog Number:

65173-1-Ig

Size:

100ug, 0.5 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.

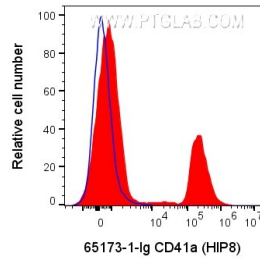
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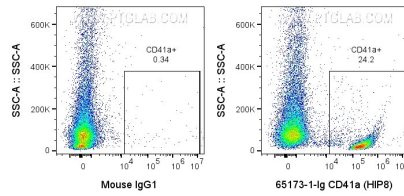
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## Selected Validation Data



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.



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