

For Research Use Only

# CoraLite® Plus 555 Anti-Human CD41a (HIP8)

Catalog Number: CL555-65173



## Basic Information

**Catalog Number:**  
CL555-65173

**Size:**  
100 tests, 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:**  
554 nm / 570 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  $\alpha\beta$  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. 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:

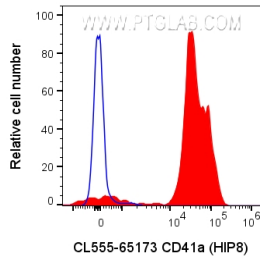
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

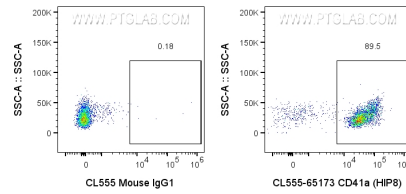
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



100 ul human platelet-rich plasma (diluted 1:2 with PBS) was surface stained with 5 ul CoraLite® Plus 555 Anti-Human CD41a (CL555-65173, Clone:HIP8) or CoraLite®555 Mouse IgG1 Isotype Control (CL555-65124). Cells were not fixed.



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