

For Research Use Only

# FITC Plus Anti-Human CD41a (HIP8)

Catalog Number: FITC-65173



## Basic Information

<b>Catalog Number:</b> FITC-65173	<b>GenBank Accession Number:</b> BC117443	<b>Purification Method:</b> Unknow
<b>Size:</b> 100tests, 5 ul/test	<b>GeneID (NCBI):</b> 3674	<b>CloneNo.:</b> HIP8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P08514	<b>Excitation/Emission maxima wavelengths:</b> 495 nm / 524 nm
<b>Isotype:</b> IgG1, kappa	<b>Full Name:</b> 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  $\alpha\beta$  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:

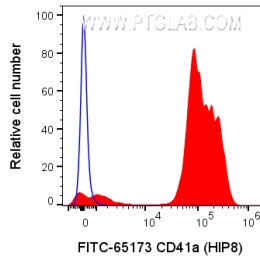
T: 4006900926

E: Proteintech-CN@ptglab.com

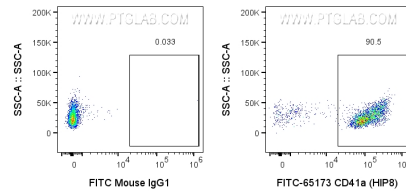
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## Selected Validation Data



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



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