

FITC Plus Anti-Human CD41a (HIP8)

Catalog Number: **FITC-65173**

Basic Information

Catalog Number:

FITC-65173

Concentration:

100 tests, 5 µl/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:

Unknown

CloneNo.:

HIP8

Excitation/Emission maxima wavelengths:

495 nm / 524 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 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

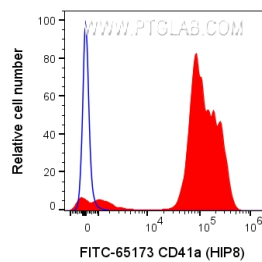
Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

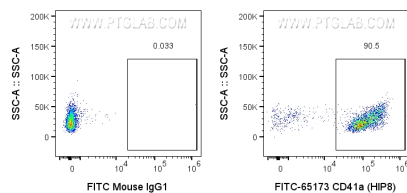
Storage Buffer:

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 FITC Plus Anti-Human CD41a (FITC-65173, Clone:HIP8) or FITC Plus Mouse IgG1 Isotype Control (FITC-65124). Cells were not fixed.



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.