

Anti-Human CD41a (HIP8)

Catalog Number: 65173-1-Ig

Basic Information

Catalog Number:

65173-1-Ig

Size:

100ug, 1 mg/ml

Source:

Mouse

Isotype:

Mouse IgG1

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:

Purified by protein-A affinity chromatography

CloneNo.:

HIP8

Applications

Tested Applications:

FC

Species Specificity:

Non-human primates, Human

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

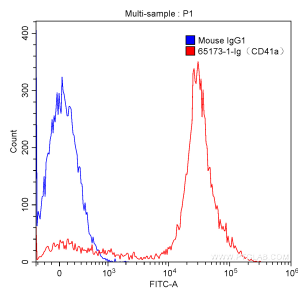
Storage:

Store at 2-8°C.

Storage Buffer:

PBS with 0.1% sodium azide.

Selected Validation Data



1X10⁶ human peripheral blood platelets were surface stained with 0.40 ug Purified Anti-Human CD41a (65173-1-Ig, Clone:H1P8) (red) or 0.40 ug Mouse IgG1 Isotype Control (blue) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) with dilution 1:1000. Cells were not fixed.