For Research Use Only

Atlantic Blue™ Anti-Human CD41a (HIP8)

Catalog Number:AB-65173

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
AB-65173

Size:
100tests, 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:
404 nm / 458 nm

Applications

Tested Applications:
FC

Species Specificity:
human, non-human primates

Background Information

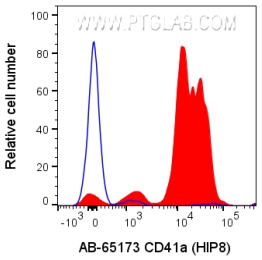
The integrins are a superfamily of cell adhesion receptors that bind to extracellular matrix ligands, cell-surface ligands, and soluble ligands (PMID: 17543136). They are transmembrane α β heterodimers and at least 24 distinct integrin heterodimers are formed by the combination of 18 α and eight β known 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

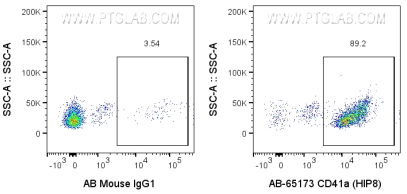
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

Selected Validation Data



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



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