For Research Use Only

CoraLite® Plus 647 Anti-Human CD11a (TS2/4) Mouse IgG2a Recombinant Antibody

Catalog Number:CL647-65563

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Antibodies | ELISA kits | Proteins
Uni-rAb
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Basic Information

Catalog Number:
CL647-65563

Size:
100tests , 5 μl/test

Source:
Mouse

Isotype:
IgG2a

GenBank Accession Number:
BC008777

GeneID (NCBI):
3683

ENSEMBL Gene ID:
ENSG00000005844

UNIPROT ID:
P20701

Full Name:
integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)

Calculated MW:
129 kDa

Purification Method:
Protein A purification

CloneNo.:
TS2/4

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
Human

Positive Controls:

FC : human PBMCs,

Background Information

CD11a, also known as integrin αL or LFA-1α, is a 170-180 kDa transmembrane glycoprotein that forms a heterodimer with CD18 (PMID: 7027264; 1672643). CD11a/CD18 (LFA-1) is expressed by all leukocytes and mediates cell adhesion through interactions with its ligands, intercellular adhesion molecule 1 (ICAM-1), ICAM-2, and ICAM-3 (PMID: 7479767). CD11a/CD18 also functions in lymphocyte costimulatory signaling (PMID: 1972160).

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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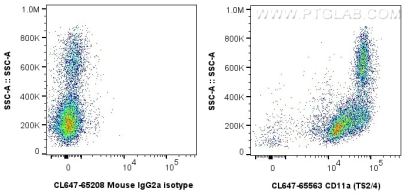
This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human CD11a Mouse Recombinant Antibody (CL647-65563, Clone:TS2/4), or CoraLite® Plus 647 Mouse IgG2a Isotype Control (CL647-65208, Clone: C1.18.4). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.