For Research Use Only

CoraLite® Plus 647 Anti-Human CD11a (TS2/4)

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

Catalog Number:CL647-65194

Basic Information

Catalog Number:
CL647-65194

Size:
100tests, 5 μl/test

Source:
Mouse

Isotype:
IgG1, kappa

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 G purification

CloneNo.:
TS2/4

Excitation/Emission maxima wavelengths:
654 nm / 674 nm

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

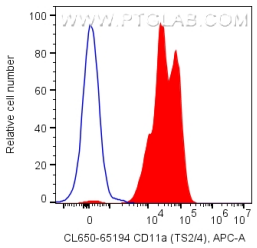
CD11a, also known as integrin α L or LFA-1α, is a 170-180 kDa transmembrane glycoprotein that forms a heterodimer with CD18 (PMID: 7027264; 1672643). CD11a/CD18 (LFA-1) is expressed by all leukocytes and mediates cell adhesion through interactions with its ligands, intercellular adhesion molecule 1 (ICAM-1),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

Storage

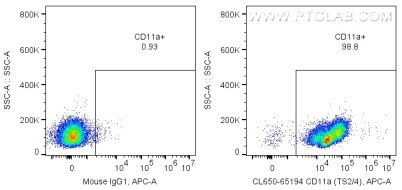
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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 (CL647-65194, Clone: TS2/4) (red), or Mouse IgG1 Isotype Control. Lymphocytes were gated.



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