For Research Use Only

CoraLite® Plus 488 Anti-Human CD11a (TS2/4)

Catalog Number:CL488-65194 1 Publications

proteintech®
Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-65194

Concentration:
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

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

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
FC

Cited Applications:
IF

Species Specificity:
Human

Cited Species:
human

Positive Controls:

FC : human PBMCs,

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).

Notable Publications

Author	Pubmed ID	Journal	Application
Naoyuki Kondo	39905041	Nat Commun	IF

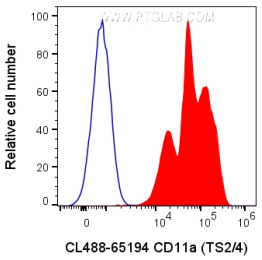
Storage

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

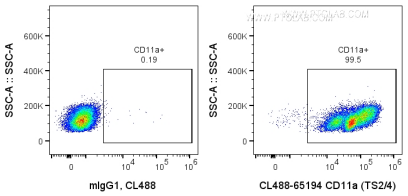
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 488 Anti-Human CD11a (CL488-65194, Clone:TS2/4), or Mouse IgG1 Isotype Control. Cells were not fixed. Lymphocytes were gated.



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