

For Research Use Only



CoraLite® Plus 488 Anti-Human CD11a (TS2/4) Mouse IgG2a Recombinant Antibody

Catalog Number: ~~CL488-65563~~

Basic Information

Catalog Number: CL488-65563	GenBank Accession Number: BC008777	Purification Method: Protein A purification
Size: 100tests, 5 µl/test	GeneID (NCBI): 3683	CloneNo.: TS2/4
Source: Mouse	ENSEMBL Gene ID: ENSG00000005844	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Isotype: IgG2a	UNIPROT ID: P20701	
	Full Name: integrin, alpha L (antigen CD11A (p180), lymphocyte function- associated antigen 1; alpha polypeptide)	
	Calculated MW: 129 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

Background Information

CD11a, also known as integrin α L or LFA-1 α , 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.

For technical support and original validation data for this product please contact:

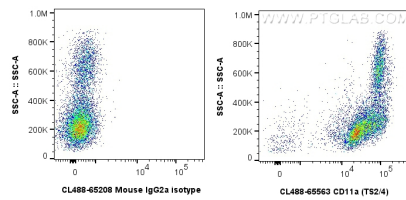
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD11a Mouse Recombinant Antibody (CL488-65563, Clone:TS2/4), or CoraLite® Plus 488 Mouse IgG2a Isotype Control (CL488-65208, Clone: C1.18.4). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.