

For Research Use Only

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



Catalog Number: **CL647-65194**

Basic Information

Catalog Number: CL647-65194	GenBank Accession Number: BC008777	Purification Method: Protein G purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 3683	CloneNo.: TS2/4
Source: Mouse	Full Name: integrin, alpha L (antigen CD11A (p180), lymphocyte function-associated antigen 1; alpha polypeptide)	Excitation/Emission maxima wavelengths: 650 nm / 665 nm
Isotype: IgG1, kappa	Calculated MW: 129 kDa	

Applications

Tested Applications:
FC

Species Specificity:
Human

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

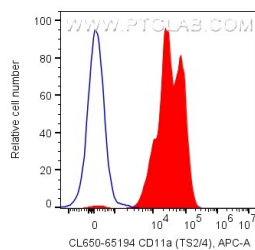
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

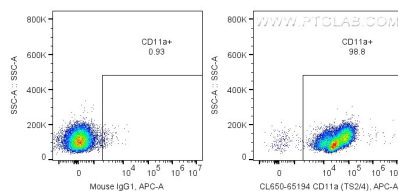
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ 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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