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# APC-Cyanine7 Anti-Human CD11a (TS2/4) Mouse IgG2a Recombinant Antibody

Catalog Number: **AY7-65563**

## Basic Information

Catalog Number: AY7-65563	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: 650 nm / 778 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 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).

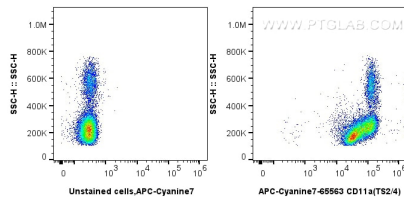
## Storage

Storage:  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.09% sodium azide and 0.5% BSA.

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](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



$1 \times 10^6$  human PBMCs were surface stained with 5  $\mu$ l APC-Cyanine7 CD11a Recombinant Antibody (APC-Cyanine7-65563, Clone: TS2/4) or unstained. Cells were not fixed.