

For Research Use Only

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



Catalog Number: PE-65563

## Basic Information

Catalog Number:

PE-65563

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC008777

GeneID (NCBI):

3683

ENSEMBL Gene ID:

ENSG0000005844

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 A purification

CloneNo.:

TS2/4

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

## 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.

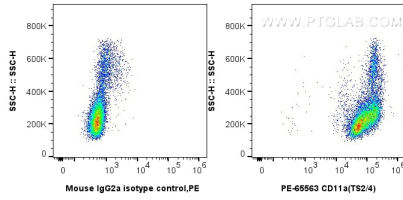
For technical support and original validation data for this product please contact:

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W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul PE CD11a Recombinant Antibody (PE-65563, Clone: TS2/4) or PE Mouse IgG2a Isotype Control (C1.18.4) (PE-65208, Clone: C1.18.4). Cells were not fixed.