

For Research Use Only

# FcZero-rAb™ PE Anti-Human CD11a (TS2/4) Rabbit IgG Recombinant Antibody

Catalog Number: PE-FcA65563



## Basic Information

**Catalog Number:**

PE-FcA65563

**Size:**

100 tests, 5 ul/test

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC008777

**GeneID (NCBI):**

3683

**ENSEMBL Gene ID:**

ENSG00000005844

**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.

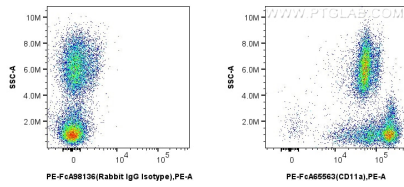
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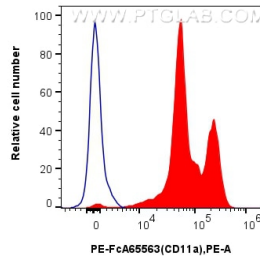
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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 5 ul PE Anti-Human CD11a (TS2/4) Rabbit IgG Recombinant Antibody (PE-FcA65563, Clone: TS2/4), or 5 ul PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 5 ul PE Anti-Human CD11a (TS2/4) Rabbit IgG Recombinant Antibody (PE-FcA65563, Clone: TS2/4) (red), or 5 ul PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.