

For Research Use Only

# CoraLite® Plus 405 Anti-Human CD11a (TS2/4) Mouse IgG2a Recombinant Antibody

Catalog Number: CL405-65563



## Basic Information

Catalog Number:

CL405-65563

Size:

100tests, 5 ul/test

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC008777

GeneID (NCBI):

3683

ENSEMBL Gene ID:

ENSG00000005844

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:

399 nm / 422 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

CD11a, also known as integrin  $\alpha$  L or LFA-1  $\alpha$ , 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:

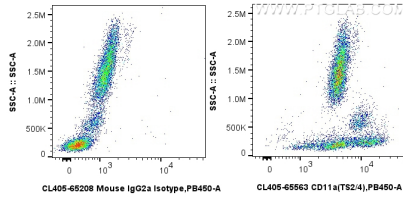
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1x10<sup>6</sup> FC receptor blocked human peripheral blood leukocyte were surface stained with 5 ul CoraLite® Plus 405 Anti-Human CD11a (TS2/4) Mouse IgG2a RecAb (CL405-65563, Clone: TS2/4), or CoraLite® Plus 405 Mouse IgG2a Isotype Control (C1.18.4) (CL405-65208, Clone: C1.18.4). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.