

For Research Use Only

# Anti-Human CD11a (TS2/4) Mouse IgG2a Recombinant Antibody, PBS Only

Catalog Number: 65563-1-PBS



## Basic Information

Catalog Number:

65563-1-PBS

Size:

1mg, 2mg/ml

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

## 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 -80°C. Stable for one year after shipment.

Storage Buffer:

PBS Only

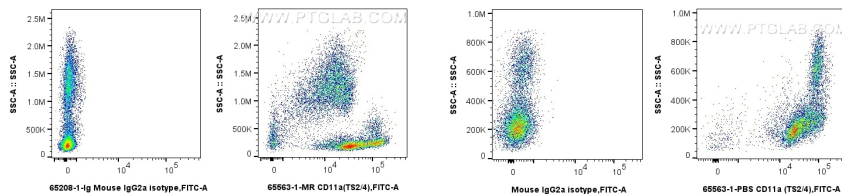
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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD11a Mouse IgG2a Recombinant Antibody (65563-1-MR, Clone: TS2/4) or Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4), and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. This data was developed using the same antibody clone with 65563-1-PBS in a different storage buffer



1x10<sup>6</sup> human PBMCs were surface stained with 0.5 ug Anti-Human CD11a Mouse Recombinant Antibody, PBS Only (65563-1-PBS, Clone:TS2/4) or 0.5 ug Mouse IgG2a Isotype Control (65208-1-Ig, Clone: C1.18.4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.