

For Research Use Only

# CoraLite® Plus 405 Anti-Mouse CD11a (M17/4)



Catalog Number: **CL405-65177**

## Basic Information

Catalog Number:

CL405-65177

Size:

100ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC145802

GeneID (NCBI):

16408

UNIPROT ID:

B7ZN92

Full Name:

integrin alpha L

Purification Method:

Purified by protein-A affinity chromatography

CloneNo.:

M17/4

Excitation/Emission maxima wavelengths:

399 nm / 422 nm

## Applications

Tested Applications:

FC

Species Specificity:

Mouse

## 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.

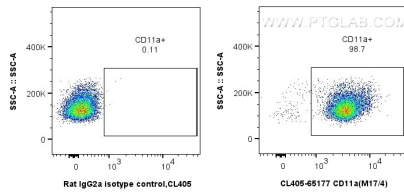
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1X10<sup>6</sup> C57BL/6 mouse thymocytes were surface stained with 0.5 ug CoraLite® Plus 405 Anti-Mouse CD11a (CL405-65177, Clone:M17/4), or 0.5 ug CoraLite® Plus 405 Rat IgG2a Isotype Control (2A3) (CL405-65209, Clone: 2A3). Cells were not fixed.