

For Research Use Only

# CoraLite®594 Anti-Mouse CD11a (M17/4)



Catalog Number: **CL594-65177**

## Basic Information

### Catalog Number:

CL594-65177

### 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:

588 nm / 604 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:

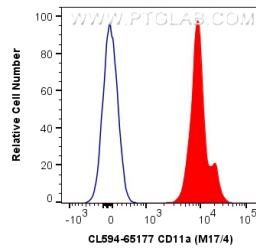
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

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

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> mouse thymocytes were surface stained with 0.5 ug CoraLite® 594 Anti-Mouse CD11a (CL594-65177, Clone: M17/4) (red), or 0.5 ug Isotype Control. Cells were not fixed.