

For Research Use Only

# CoraLite® Plus 488 Anti-Mouse CD11a (M17/4)



Catalog Number: **CL488-65177**

## Basic Information

<b>Catalog Number:</b> CL488-65177	<b>GenBank Accession Number:</b> BC145802	<b>Purification Method:</b> Purified by protein-A affinity chromatography
<b>Size:</b> 100ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 16408	<b>CloneNo.:</b> M17/4
<b>Source:</b> Rat	<b>Full Name:</b> integrin alpha L	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>IsoType:</b> IgG2a, kappa		

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Mouse

## Background Information

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

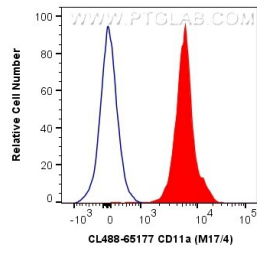
**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com) W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



$1 \times 10^6$  mouse thymocytes were surface stained with 0.5  $\mu$ g CoraLite® Plus 488 Anti-Mouse CD11a (CL488-65177, Clone:M17/4) (red), or 0.5  $\mu$ g Isotype Control. Cells were not fixed.