

For Research Use Only

# FITC Plus Anti-Mouse CD11a (M17/4)

Catalog Number: FITC-65177



## Basic Information

**Catalog Number:**  
FITC-65177

**Size:**  
100ug, 0.5 mg/ml

**Source:**  
Rat

**Isotype:**  
IgG2a, kappa

**GenBank Accession Number:**  
BC145802

**GeneID (NCBI):**  
16408

**Full Name:**  
integrin alpha L

**Purification Method:**

The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.

**CloneNo.:**  
M17/4

**Excitation/Emission maxima wavelengths:**  
494 nm / 520 nm

## 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).

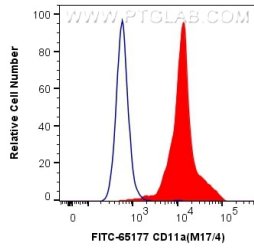
## Storage

**Storage:**  
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.1% 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  
W: ptglab.com

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## Selected Validation Data



1X10<sup>6</sup> mouse splenocytes were surface stained with 0.5 ug FITC Plus Plus Anti-Mouse CD11a (FITC-65177, Clone: M17/4) (red) or 0.5 ug Control Antibody. Cells were not fixed.