

# 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

**UNIPROT ID:**

B7ZN92

**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 maximum wavelengths:**

495 nm / 524 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

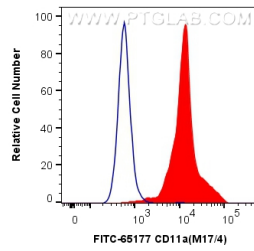
**Storage:**

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

**Storage Buffer:**

PBS with 0.1% sodium azide.

## 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.