

CD11a (LFA-1alpha) Monoclonal Antibody (M17/4), FITC, eBioscience

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), FITC, eBioscience
Class	Monoclonal
Type	Antibody
Clone	M17/4
Conjugate	FITC
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_464931

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	19 Publications

Product Specific Information

Description: The M17/4 monoclonal antibody reacts with mouse CD11a, the 180 kDa integrin alpha L, also known as the lymphocyte function associated antigen-1 (LFA-1) alpha chain. LFA-1, formed by non-covalent association of CD11a with CD18 (integrin beta 2), serves as an important adhesion molecule involved in lymphocyte and granulocyte function. CD54 (ICAM-1), CD102 (ICAM-2), and CD50 (ICAM-3) are ligands for LFA-1. CD11a is expressed by all leukocytes.

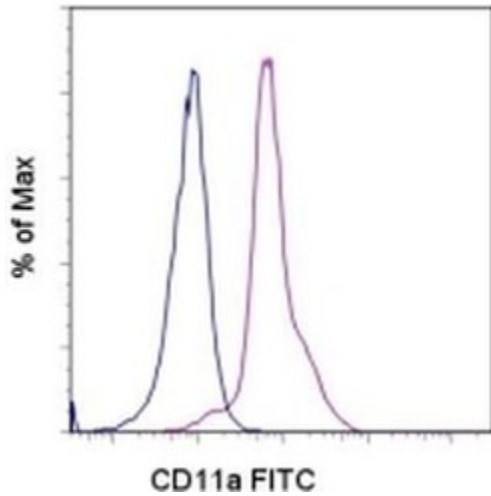
Applications Reported: The M17/4 antibody has been reported for use in flow cytometric analysis.

Applications Tested: The M17/4 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Excitation: 488 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD11a (LFA-1alpha) Monoclonal Antibody (M17/4), FITC, eBioscience



CD11a (LFA-1alpha) Antibody (11-0111-82) in Flow

Staining of BALB/c splenocytes with 0.25 µg of Rat IgG2a K Isotype Control FITC (Product # 11-4321-42) (blue histogram) or 0.25 µg of Anti-Mouse CD11a FITC (purple histogram). Cells in the lymphocyte gate were used for analysis.

19 References

Flow Cytometry (19)

Mediators of inflammation

Anti-inflammatory functions of protein C require RAGE and ICAM-1 in a stimulus-dependent manner.

"11-0111 was used in Flow cytometry/Cell sorting to show that RAGE and ICAM-1 are cooperatively involved in protein C-induced inhibition of leukocyte recruitment."

Authors: Braach N, Buschmann K, Pflaum J, Hudalla H, Koch L, Ryschich E, Poeschl J, Frommhold D

Species
Mouse

Dilution
Not Cited

Year
2015

Immune network

Characterization of CTL Clones Specific for Single Antigen, H60 Minor Histocompatibility Antigen.

"11-0111 was used in Flow cytometry/Cell sorting to show that Zbtb20 regulates astrocyte specification in the mouse neocortex."

Authors: Jeon JY, Jung KM, Chang J, Choi EY

Species
Mouse

Dilution
Not Cited

Year
2011

[View more Flow references on thermofisher.com](#)

More applications with references on thermofisher.com

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