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30-1433: Anti-CD11a / LFA-1 alpha chain Monoclonal Antibody (Clone:M17/4)

Clonality: Monoclonal
Clone Name: M17/4

Application: FACS, IP, IHC-Fr, Functional Assay

Reactivity: Mouse
Gene: Itgal
Gene ID: 16408
Uniprot ID: P24063
Format: Purified

Alternative Name: Itgal,Lfa-1,Ly-15
Isotype: Rat IgG2a

Immunogen Information: C57BL/6 mouse splenic secondary cytotoxic T lymphocytes

Description

CD11a (LFA-1 alpha) together with CD18 constitute leukocyte function-associated antigen 1 (LFA-1), the alphaLbeta2 integrin. CD11a is implicated in activation of LFA-1 complex. LFA-1 is expressed on the plasma membrane of leukocytes in a low-affinity conformation. Cell stimulation by chemokines or other signals leads to induction the high-affinity conformation, which supports tight binding of LFA-1 to its ligands, the intercellular adhesion molecules ICAM-1, -2, -3. LFA-1 is thus involved in interaction of various immune cells and in their tissue-specific settlement, but participates also in control of cell differentiation and proliferation and of T-cell effector functions.

Product Info

Amount: 0.1 mg

Purification : Purified by protein-A affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Recommended dilution: 1 ̸µg/ml

Immunoprecipitation Immunohistochemistry (frozen sections) Positive tissue:mouse spleen or thymus

Application note:acetone fixation Functional Application Blocking