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30-2055: FITC Conjugated, Anti-CD11a / LFA-1 alpha chain Monoclonal Antibody (Clone:M17/4)

Clone Name: Monoclonal
Clone Name: M17/4
Application: FACS
Reactivity: Mouse

 Reactivity :
 Mouse

 Conjugate :
 FITC

 Gene :
 Itgal

 Gene ID :
 16408

 Uniprot ID :
 P24063

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

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

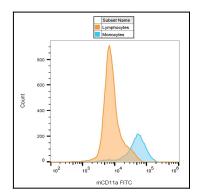


Figure 1: Surface staining of murine monocytes using anti-CD11a monoclonal antibody (clone M17/4) FITC.