

CD11a Recombinant Mouse mAb

Catalog Number: bsm-60413M

Target Protein: CD11a

Concentration: 1mg/ml

Form: Liquid

Host: Mouse

Clonality: Recombinant

Clone No.: A13C2

Isotype: IgG

Applications: Flow-Cyt (1ug/Test), ICC/IF (1:50)

Reactivity: Human

Predicted MW: 126 kDa

Entrez Gene: 3683

Swiss Prot: P20701

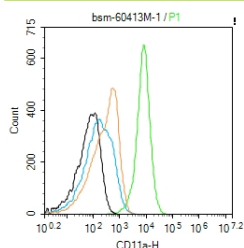
Purification: affinity purified by Protein G

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

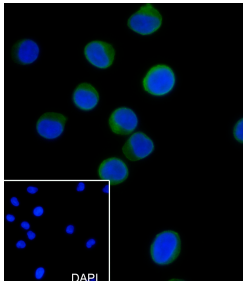
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: ITGAL encodes the integrin alpha L chain. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. This I-domain containing alpha integrin combines with the beta 2 chain (ITGB2) to form the integrin lymphocyte function-associated antigen-1 (LFA-1), which is expressed on all leukocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands, ICAMs 1-3 (intercellular adhesion molecules 1 through 3), and also functions in lymphocyte costimulatory signaling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

VALIDATION IMAGES



Blank control:Raji. Primary Antibody (green line): Mouse Anti-CD11a antibody (bsm-60413M) Dilution: 1:100; Secondary Antibody : Goat anti-mouse IgG-FITC Dilution: 0.5ug/Test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Cell line: Jurkat Fixative: 4% Paraformaldehyde Permeabilization: 0.1% Triton X-100 Primary Ab dilution: 1:50
Primary incubation condition: 4°C overnight Secondary Ab: Goat Anti-Mouse IgG Nuclear counter stain: DAPI
(Blue) Comment: Color green is the positive signal for bsm-60413M