

## CD11a monoclonal antibody

Catalog: MB22613

Host: Mouse

Reactivity: Human

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

128.8kDa

### Swiss-Prot:

P20701

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

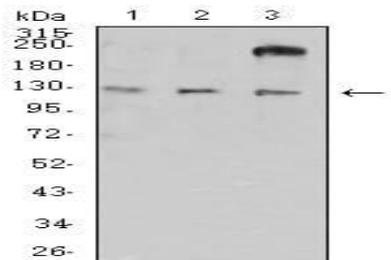
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

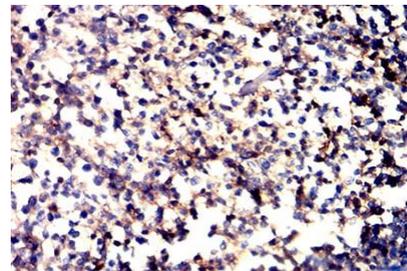
### Isotype:

Mouse IgG2a

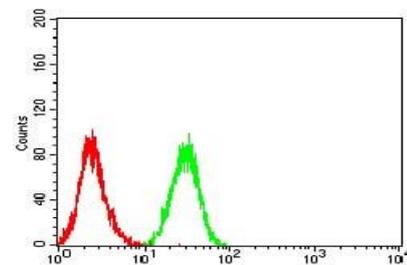
### DATA:



Western blot analysis using CD11a mouse mAb against HL-60 (1), A549 (2), and SW620 (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human tonsil tissues using CD11a mouse mAb with DAB staining.



Flow cytometric analysis of HL-60 cells using CD11a mouse mAb (green) and negative control (red).

### Note:

For research use only, not for use in diagnostic procedure.

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