

CD11a Rabbit mAb

Catalog No.: A25929 **Recombinant**

Basic Information

Observed MW

180kDa

Calculated MW

128kDa

Category

Primary antibody

Applications

WB,FC,ELISA

Cross-Reactivity

Mouse, Rat

CloneNo number

ARC67614

Background

Predicted to enable ICAM-3 receptor activity and cell adhesion molecule binding activity. Involved in cell-cell adhesion. Acts upstream of or within several processes, including activated T cell proliferation; positive regulation of T cell proliferation; and positive regulation of calcium-mediated signaling. Located in cell-cell junction; external side of plasma membrane; and immunological synapse. Is expressed in heart; hemolymphoid system; and vault of skull. Orthologous to human ITGAL (integrin subunit alpha L).

Recommended Dilutions

WB 1:1000 - 1:2000

FC 1:500 - 1:1000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

16408

Swiss Prot

P24063

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

Cd11a; LFA-1; Ly-15; Ly-21; (p180); LFA-1A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

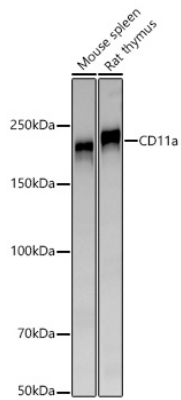
Affinity purification

Storage

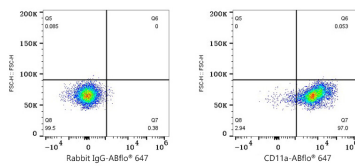
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using CD11a Rabbit mAb (A25929) at 1:1000 dilution incubated overnight at 4°C.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with Rabbit IgG isotype control (AC042, 2 µg/mL, left) or CD11a Rabbit mAb (A25929, 2 µg/mL, right), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining.