ABclonal Technology®

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ABflo® 594 Rabbit anti-Human CD11a mAb

Catalog No.: A24899

Basic Information

Observed MW

Calculated MW
118kDa/129kDa/134kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC62732-ABflo594

Conjugate
ABflo® 594. Ex:588nm. Em:604nm.

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.

Recommended Dilutions

FC   5 µl per 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
3683

Swiss Prot
P20701

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 26-340 of human CD11a (NP_002200.2).

Synonyms
CD11A; LFA-1; LFA1A

Contact

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Product Information

Source
Rabbit

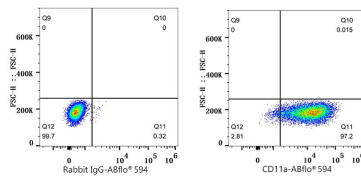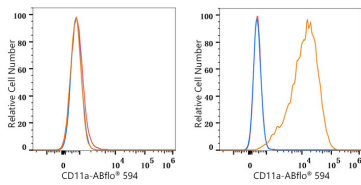**Isotype**
IgG

Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data

Flow cytometry: 1X10^6 K-562 cells (negative control,left) and THP-1 cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human CD11a mAb (A24899,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10^6 THP-1 cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Human CD11a mAb (A24899,5 µl/Test,right).