

ABflo® 700 Rabbit anti-Human ITGA1/CD49a mAb

Catalog No.: A26235

Basic Information

Observed MW

Refer to figures

Calculated MW

131kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC58076-ABflo700

Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes the alpha 1 subunit of integrin receptors. This protein heterodimerizes with the beta 1 subunit to form a cell-surface receptor for collagen and laminin. The heterodimeric receptor is involved in cell-cell adhesion and may play a role in inflammation and fibrosis. The alpha 1 subunit contains an inserted (I) von Willebrand factor type I domain which is thought to be involved in collagen binding.

Immunogen Information

Gene ID

3672

Swiss Prot

P56199

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 29-1141 of human ITGA1/CD49a (NP_852478.1).

Synonyms

VLA1; CD49a

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

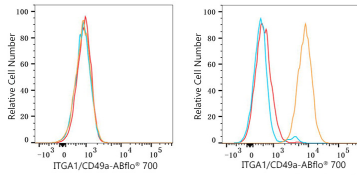
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ K-562 cells (negative control, left) and SH-SY5Y cells (right) were surface-stained with ABflo® 700 Rabbit anti-Human ITGA1/CD49a mAb (A26235, 5 µl/Test, orange line) or ABflo® 700 Rabbit IgG isotype control (A25976, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).