

ABflo® 488 Rabbit anti-Human CD49a/ITGA1 mAb

Catalog No.: A22691

Basic Information

Observed MW

Calculated MW

131kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC58076

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

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

Synonyms

VLA1; CD49a

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

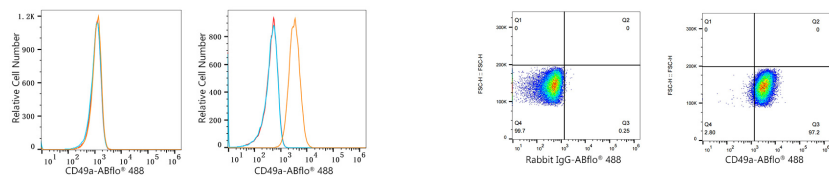
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1×10^6 K-562 cells (negative control, Left) and SH-SY5Y cells (Right) were surface-stained with ABflo® 488 Rabbit anti-Human ITGA1/CD49a mAb (A22691, 5 μ l/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 SH-SY5Y cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 μ l/Test, left) or ABflo® 488 Rabbit anti-Human ITGA1/CD49a mAb (A22691, 5 μ l/Test, right).