

# 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 10<sup>6</sup> 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

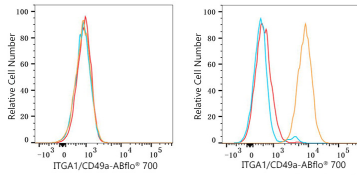
### Storage

Store at 2-8°C. Avoid freeze.

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

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> 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).