

# ABflo® 594 Rabbit anti-Human CD49a/ITGA1 mAb

Catalog No.: A24186

## Basic Information

### Observed MW

### Calculated MW

131kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Human

### CloneNo number

ARC58076

### Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

## 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 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

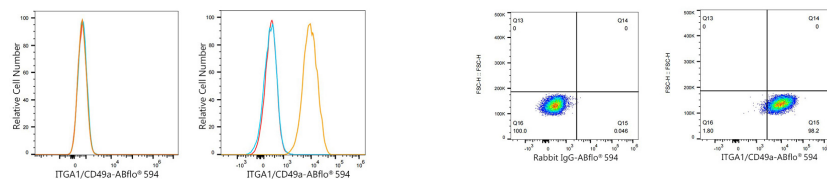
Affinity purification

### 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:  $1 \times 10^6$  K-562 cells (negative control, left) and SH-SY5Y cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human ITGA1/CD49a mAb (A24186, 5  $\mu$ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:  $1 \times 10^6$  SH-SY5Y cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, left) or ABflo® 594 Rabbit anti-Human ITGA1/CD49a mAb (A24186, 5  $\mu$ l/Test, right).