

A24061

Leader in Biomolecular Solutions for Life Science



APC Rabbit anti-Human ITGA1/CD49a mAb

Catalog No.: A24061

Basic Information

Observed MW

Calculated MW

131kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC58076-APC

Conjugate

APC. Ex:650nm. Em:660nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Contact



www.abclonal.com

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

Product Information

Source

Rabbit

Isotype

IgG

Purification

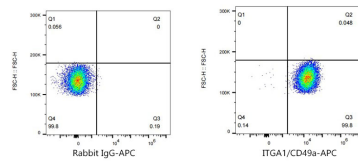
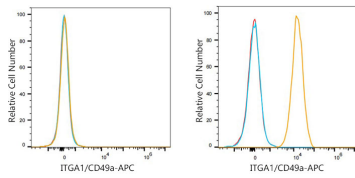
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 K-562 cells (negative control, left) and SH-SY5Y cells (right) were surface-stained with APC Rabbit anti-Human ITGA1/CD49a mAb (ARC58076-03-APC, 5 μ l/Test, orange line) or APC Rabbit IgG isotype control (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 APC Rabbit IgG isotype control (5 μ l/Test, left) or APC Rabbit anti-Human ITGA1/CD49a mAb (ARC58076-03-APC, 5 μ l/Test, right).