

ABflo® 488 Rabbit anti-Human CD49a/ITGA1 mAb

Catalog NO.: A22691

Basic Information

Observed MW

Calculated MW

131kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC58076

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.

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

3672

Swiss Prot

P56199

Immunogen

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

Synonyms

VLA1; CD49a

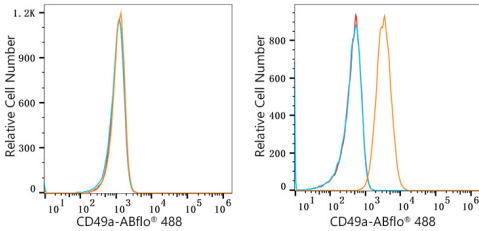
Contact

Product Information

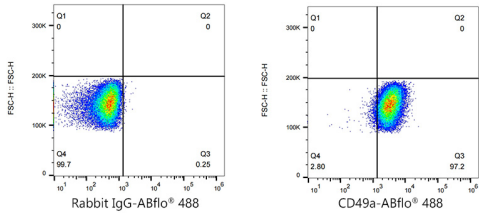
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry:1X10⁶ 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 µl/Test,orange line) or ABflo[®] 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry:1X10⁶ SH-SY5Y cells were surface-stained with ABflo[®] 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo[®] 488 Rabbit anti-Human ITGA1/CD49a mAb (A22691,5 µl/Test,right).

