

ABflo® 647 Rabbit anti-Human CD49c/ITGA3 mAb

Catalog No.: A26581

Basic Information

Observed MW

Refer to figures

Calculated MW

117kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC67523

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function as cell surface adhesion molecules. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 3 subunit. This subunit joins with a beta 1 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. Expression of this gene may be correlated with breast cancer metastasis.

Immunogen Information

Gene ID

3675

Swiss Prot

P26006

Immunogen

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

Synonyms

JEB7; VL3A; CD49C; FRP-2; GAPB3; ILNEB; MSK18; VCA-2; VLA3a; GAP-B3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

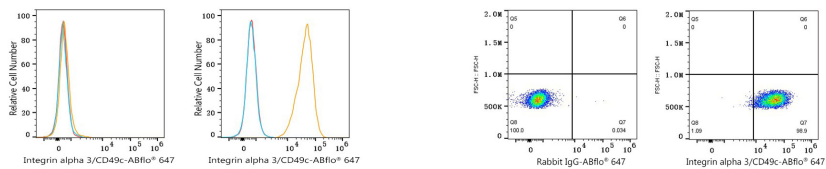
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 K-562 cells (negative control, left) and A-431 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human Integrin alpha 3/CD49c mAb ($2.6581, 5 \mu\text{l}/\text{Test}$, orange line) or ABflo® 647 Rabbit IgG isotype control ($2.2070, 5 \mu\text{l}/\text{Test}$, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 A-431 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control ($2.2070, 5 \mu\text{l}/\text{Test}$, left) or ABflo® 647 Rabbit anti-Human Integrin alpha 3/CD49c mAb ($2.6581, 5 \mu\text{l}/\text{Test}$, right).