

ABflo® 647 Rabbit anti-Human/Mouse Integrin alpha 5 (ITGA5/CD49e) mAb

Catalog No.: A22772

Basic Information

Observed MW

Calculated MW

115kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Mouse

CloneNo number

ARC58294

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

The product of this gene belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha subunit and a beta subunit that function in cell surface adhesion and signaling. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 5 subunit. This subunit associates with the beta 1 subunit to form a fibronectin receptor. This integrin may promote tumor invasion, and higher expression of this gene may be correlated with shorter survival time in lung cancer patients. Note that the integrin alpha 5 and integrin alpha V subunits are encoded by distinct genes.

Recommended Dilutions

FC

5 μl per 10^6 cells in 100 μl volume

Immunogen Information

Gene ID 3678 **Swiss Prot**

P08648

Immunogen

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

Synonyms

FNRA; CD49e; VLA-5; VLA5A

Contact

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•	T	www.abclonal.com.cn

Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

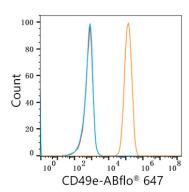
Storage

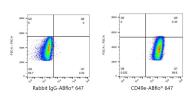
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

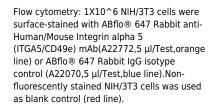


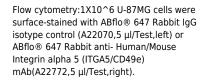


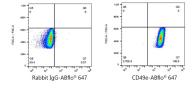


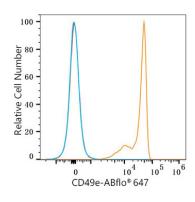


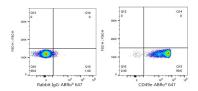
Flow cytometry:1X10^6 SH-SY5Y cells (negative control,Left) and U-87MG cells (Right) were surface-stained with ABflo® 647 Rabbit anti-Human/Mouse Integrin alpha 5 (ITGA5/CD49e) mAb (A22772,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).











Flow cytometry:1X10^6 NIH/3T3 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti- Human/Mouse Integrin alpha 5 (ITGA5/CD49e) mAb(A22772,5 µl/Test,right).

Flow cytometry:1X10^6 Human PBMC were surface-stained with ABflo® 647 Rabbit anti-Human Integrin alpha 5 (ITGA5/CD49e) mAb(A22772,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry:1X10^6 Human PBMC were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human Integrin alpha 5 (ITGA5/CD49e) mAb(A22772,5 µl/Test,right).