

ABflo® 488 Rabbit anti-Human Integrin β5/ITGB5 mAb

Catalog NO.: A24246

Basic Information

Observed MW

Refer to figures

Calculated MW

88kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Human

Conjugation

ABflo® 488. Ex:491nm. Em:516nm.

Clone number

ARC60858

Background

Integrins, heterodimeric trans-membrane matrix receptors, are mainly involved in the signal transduction and attachments to extra cellular matrix (ECM). † † In ECM they act as a mediator of cell adhesion. † In human, at least 18 α and eight β subunits have been found. † ITGB5 (integrin subunit β 5) helps in facilitation of cancer cell migration, anchorage-independent growth and tumor angiogenesis. Integrin is activated by G-protein-coupled receptors, resulting in the phosphorylation of cytoplasmic domain of the β subunit. The coupled α and β cytoplasmic tails are responsible for maintaining integrin in inactive state.

Recommended Dilutions

FC 5 μl per 10⁶ cells in 100 μl volume

Immunogen Information

Gene ID

3693

Swiss Prot

P18084

Immunogen

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

Synonyms

ITGB5; integrin beta-5

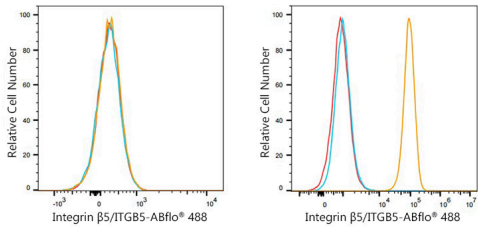
Contact

Product Information

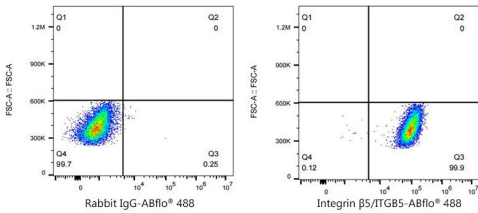
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10⁶ Jurkat cells(negative control,left) and A549 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Human Integrin β5/ITGB5 mAb(A24246,5 μl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 μl/Test,blue line).Non-fluorescently stained were used as blank control (red line).



Flow cytometry:1X10⁶ A549 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 μl/Test,left) or ABflo® 488 Rabbit anti-Human Integrin β5/ITGB5 mAb(A24246,5 μl/Test,right).

