

A23357

Leader in Biomolecular Solutions for Life Science



ABflo® 647 Rabbit anti-Human VEGFR2/CD309 mAb

Catalog No.: A23357

Basic Information

Observed MW

Calculated MW
152kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

FC

Cross-Reactivity

Human

CloneNo number

ARC60202-ABf647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Background

Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID
3791

Swiss Prot
P35968

Immunogen

Recombinant protein of human VEGFR2/CD309.

Synonyms

FLK1; CD309; VEGFR; VEGFR2

Contact



www.abclonal.com

Product Information

Source
Rabbit

Isotype
IgG

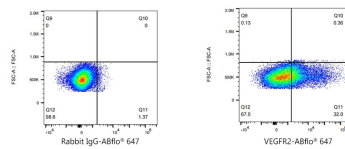
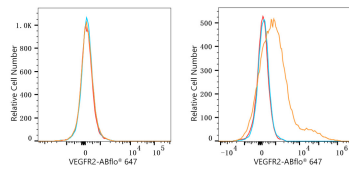
Purification
Affinity purification

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 293F cells (negative control, Left) and 293F(Transfection, right) cells were surface-stained with ABflo® 647 Rabbit anti-Human VEGFR2/CD309 mAb(A23357, 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: 1×10^6 293F(Transfection) cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Human VEGFR2/CD309 mAb(A23357, 5 µl/Test, right).