

ABflo® 647 Rabbit anti-Human CD309/VEGFR2 mAb

Catalog No.: A23357 **1 Publications**

Basic Information

Observed MW

Calculated MW
152kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC60202

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

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.

Immunogen Information

Gene ID 3791 **Swiss Prot** P35968

Immunogen

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

Synonyms

FLK1; CD309; VEGFR; VEGFR2

Contact

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Product Information

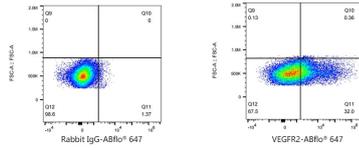
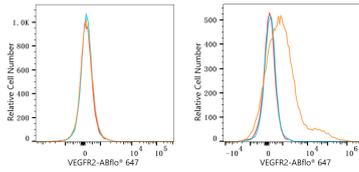
Source Rabbit **Isotype** IgG **Purification** Affinity purification

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: 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 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/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 μ l/Test, left) or ABflo® 647 Rabbit anti-Human VEGFR2/CD309 mAb (A23357, 5 μ l/Test, right).