

ABflo® 647 Rabbit anti-Human Tie-2/CD202b mAb

Catalog No.: A27390

Basic Information

Observed MW

Calculated MW
126kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC72879

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

Background

This gene encodes a receptor that belongs to the protein tyrosine kinase Tie2 family. The encoded protein possesses a unique extracellular region that contains two immunoglobulin-like domains, three epidermal growth factor (EGF)-like domains and three fibronectin type III repeats. The ligand angiopoietin-1 binds to this receptor and mediates a signaling pathway that functions in embryonic vascular development. Mutations in this gene are associated with inherited venous malformations of the skin and mucous membranes. Alternative splicing results in multiple transcript variants. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID 7010	Swiss Prot Q02763
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Immunogen

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

Synonyms

TIE2; VMCM; GLC3E; TIE-2; VMCM1; CD202B

Contact

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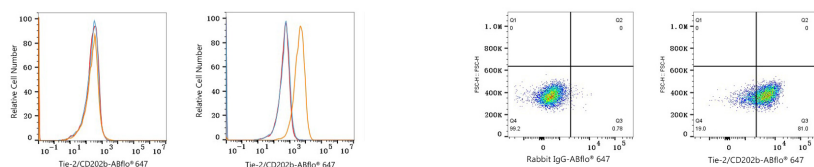
Product Information

Source Rabbit	Isotype IgG	Purification Affinity purification
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Storage

Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1X10⁶ 293T cells (negative control, left) and NTERA-2 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Human Tie-2/CD202b mAb (A27390, 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: 1X10⁶ NTERA-2 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 µl/Test, left) or ABflo® 647 Rabbit anti-Human Tie-2/CD202b mAb (A27390, 5 µl/Test, right).