

ABflo® 647 Rabbit anti-Mouse CD144/VE-Cadherin mAb

Catalog No.: A24893

Basic Information

Observed MW

Refer to figures

Calculated MW

88kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC64009-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Background

This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that mediate cell adhesion and regulate many morphogenetic events during development. The encoded preprotein is further processed to generate a mature protein. Mice lacking the encoded protein die in utero due to vascular insufficiency, caused by increased endothelial apoptosis. Multiple distinct genes of the cadherin family, including this gene, are found on chromosome 8.

Immunogen Information

Gene ID

12562

Swiss Prot

P55284

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 46-592 of mouse CD144/VE-Cadherin (NP_033998.2).

Synonyms

7B4; Vec; VECD; Cd144; VEcad; VE-Cad

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

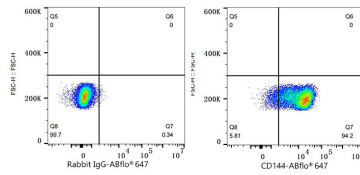
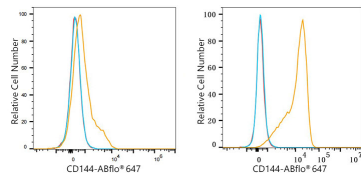
Affinity purification

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 C2C12 cells (negative control, left) and bEnd.3 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD144/VE-Cadherin mAb (A24893, 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 bEnd.3 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD144/VE-Cadherin mAb (A24893, 5 μ l/Test, right).