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PE Rabbit anti-Mouse CD144/VE-Cadherin mAb

Catalog No.: A25533

Basic Information

Observed MW

Refer to figures

Calculated MW

88kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC64011-PE

Conjugate

PE. Ex:565nm. Em:574nm.

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 preproprotein 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.

Recommended Dilutions

FC

5 μl per 10^6 cells in 100 μl volume

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

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data









Flow cytometry: 1X10^6 C2C12 cells (negative control,left) and bEnd.3 cells (right) were surface-stained with PE Rabbit anti-Mouse CD144/VE-Cadherin mAb (A25533,5 µl/Test,orange line) or PE Rabbit IgG isotype control (A24172,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: $1X10^6$ bEnd.3 cells were surface-stained with PE Rabbit IgG isotype control (A24172,5 μ I/Test,left) or PE Rabbit anti-Mouse CD144/VE-Cadherin mAb (A25533,5 μ I/Test,right).