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PE Rabbit anti-Mouse CD144/VE-Cadherin mAb

Catalog No.: A29527

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC64011

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	FC

Immunogen Information

Gene ID
12562

Swiss Prot
P55284

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

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

Contact

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Product Information

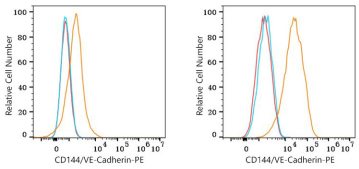
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

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 (A29527,0.5 µg,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).

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