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APC Rabbit anti-Mouse CD309/VEGFR2 mAb

Catalog No.: A30030

Basic Information

Observed MW

Calculated MW

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC66462

Conjugate
APC. Ex:650nm. Em:660nm.

Background

Enables coreceptor activity; growth factor binding activity; and vascular endothelial growth factor receptor activity. Involved in several processes, including cell surface receptor signaling pathway; positive regulation of BMP signaling pathway; and positive regulation of cell migration involved in sprouting angiogenesis. Acts upstream of or within several processes, including positive regulation of cell population proliferation; post-embryonic camera-type eye morphogenesis; and vasculature development. Located in several cellular components, including cell junction; endosome; and external side of plasma membrane. Is expressed in several structures, including alimentary system; cardiovascular system; central nervous system; extraembryonic component; and genitourinary system. Human ortholog(s) of this gene implicated in several diseases, including artery disease (multiple); breast angiosarcoma; gastrointestinal system cancer (multiple); macular degeneration (multiple); and pancreatic cancer (multiple). Orthologous to human KDR (kinase insert domain receptor).

Recommended Dilutions

FC	FC

Immunogen Information

Gene ID
16542

Swiss Prot
P35918

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

Synonyms
6130401C07; Flk-1; Flk1; Krd-1; Ly73; VEGFR-2; VEGFR2; orv; sVEGFR-2

Contact

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Product Information

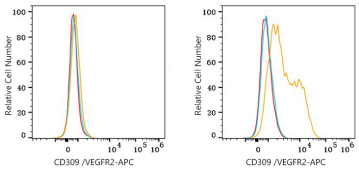
Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at 2-8℃

Validation Data



Flow cytometry: 1X10^6 NIH/3T3 cells (negative control,left) and bEnd.3 cells (right)were surface-stained with APC Rabbit anti-Mouse CD309/VEGFR2 mAb (A30030,0.5 µg,orange line) or APC Rabbit IgG isotype control (A24173,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).