

APC Rabbit anti-Mouse CD304/Neuropilin-1 mAb

Catalog No.: A26587

Basic Information

Observed MW

Refer to figures

Calculated MW

103kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC69115-APC

Conjugate

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

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l volume

Background

Enables protein kinase binding activity; transmembrane signaling receptor activity; and vascular endothelial growth factor binding activity. Involved in several processes, including nervous system development; regulation of signal transduction; and vasculature development. Acts upstream of or within several processes, including morphogenesis of a branching epithelium; nervous system development; and toxin transport. Located in several cellular components, including endosome; focal adhesion; and neurofilament. Is integral component of postsynaptic membrane. Is expressed in several structures, including cardiovascular system; jaw; lung; nervous system; and sensory organ. Used to study retinal vein occlusion. Human ortholog(s) of this gene implicated in lung non-small cell carcinoma. Orthologous to human NRP1 (neuropilin 1).

Immunogen Information

Gene ID

18186

Swiss Prot

P97333


Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-856 of mouse CD304/Neuropilin-1 (NP_032763.2).

Synonyms

Nrp; NP-1; Npn1; NPN-1; C530029I03

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

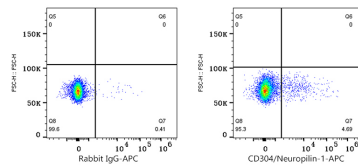
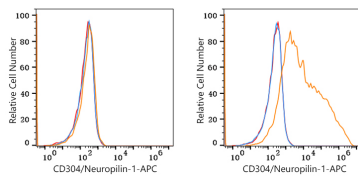
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 CHO cells (negative control, left) and CHO (Transfection, right) cells were surface-stained with APC Rabbit anti-Mouse CD304/Neuropilin-1 mAb (A26587, 5 μ l/Test, orange line) or APC Rabbit IgG isotype control (A24173, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with APC Rabbit IgG isotype control (A24173, 5 μ l/Test, left) or APC Rabbit anti-Mouse CD304/Neuropilin-1 mAb (A26587, 5 μ l/Test, right).