Leader in Biomolecular Solutions for Life Science

www.abclonal.com

PE Rabbit anti-Mouse CD304/Neuropilin-1 mAb

Catalog No.: A26586

Basic Information

Observed MW
Refer to figures

Calculated MW
103kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC69115-PE

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

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).

Recommended Dilutions

FC	5 µl per 10^6 cells in 100 µl volume

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

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

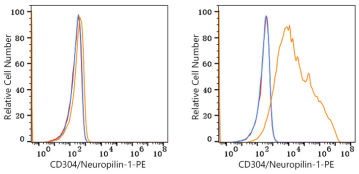
Source
Rabbit

Isotype
IgG

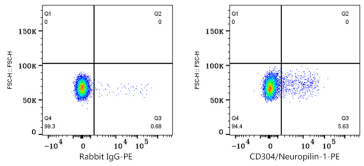
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1X10^6 CHO cells (negative control,left) and CHO (Transfection,right) cells were surface-stained with PE Rabbit anti-Mouse CD304/Neuropilin-1 mAb (A26586,5 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 C57BL/6 mouse splenocytes were surface-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Mouse CD304/Neuropilin-1 mAb (A26586,5 µl/Test,right).