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ABflo® 594 Rabbit anti-Human CD304/Neuropilin-1 mAb

Catalog No.: A24592

Basic Information

Observed MW
Refer to figures

Calculated MW
68kDa/71kDa/103kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Human

CloneNo number
ARC55418

Conjugate
ABflo® 594. Ex:588nm. Em:604nm.

Background

This gene encodes one of two neuropilins, which contain specific protein domains which allow them to participate in several different types of signaling pathways that control cell migration. Neuropilins contain a large N-terminal extracellular domain, made up of complement-binding, coagulation factor V/VIII, and meprin domains. These proteins also contains a short membrane-spanning domain and a small cytoplasmic domain. Neuropilins bind many ligands and various types of co-receptors; they affect cell survival, migration, and attraction. Some of the ligands and co-receptors bound by neuropilins are vascular endothelial growth factor (VEGF) and semaphorin family members. Several alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.

Recommended Dilutions

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

Immunogen Information

Gene ID
8829

Swiss Prot
O14786

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

Synonyms
NRP1; BDCA4; CD304; NP1; NRP; VEGF165R; neuropilin-1

Contact

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Product Information

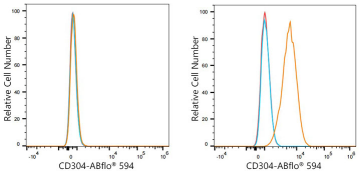
Source
Rabbit

Isotype
IgG

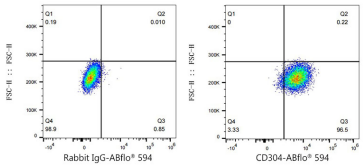
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Flow cytometry: 1X10^6 K-562 cells (negative control,left) and A549 cells (right) were surface-stained with ABflo® 594 Rabbit anti-Human CD304/Neuropilin-1 mAb (A24592,5 µl/Test,orange line) or ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 A549 cells were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Human CD304/Neuropilin-1 mAb (A24592,5 µl/Test,right).

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