

For Research Use Only

# Anti-Human Neuropilin 1/CD304 Rabbit Recombinant Antibody

Catalog Number: 98210-1-RR



## Basic Information

Catalog Number:

98210-1-RR

Concentration:

100ug, 1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC007533

GeneID (NCBI):

8829

UNIPROT ID:

O14786

Full Name:

neuropilin 1

Purification Method:

Protein A purification

CloneNo.:

241812B11

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

Neuropilin 1 (NRP1), also known as CD304 or VEGF165R, is a type I transmembrane proteins consisting of a small intracellular cytoplasmic domain, a transmembrane domain and an extracellular domain containing a complement-binding CUB domain (a1/a2), a coagulation factor V/VIII (b1/b2) domain, and a meprin or MAM domain (PMID: 24263240; 11886873). It is expressed on plasmacytoid dendritic cells (pDCs), endothelial cells, thymocytes, regulatory T cells, a subset of T follicular helper cells, neurons, and diverse human solid tumors (PMID: 31944572; 14991591; 18704117). Neuropilin 1 is involved in immunity, cardiovascular development, neuronal guidance, cell migration, angiogenesis and cancer pathogenesis (PMID: 24263240).

## Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH 7.3.

For technical support and original validation data for this product please contact:

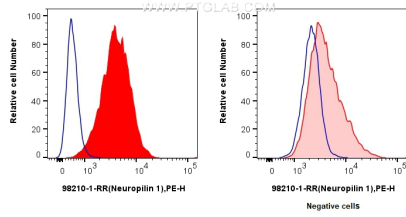
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



$1 \times 10^6$  HUVEC cells (left) or MCF-7 cells (right) were surface stained with 0.25  $\mu$ g Anti-Human Neuropilin 1/CD304 Rabbit Recombinant Antibody (98210-1-RR, Clone: 241812B11) (red) or 0.25  $\mu$ g Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.