

For Research Use Only

# Anti-Human Neuropilin 1/CD304 Rabbit Recombinant Antibody

Catalog Number: 98210-1-RR



## Basic Information

<b>Catalog Number:</b> 98210-1-RR	<b>GenBank Accession Number:</b> BC007533	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 1000 µg/ml	<b>GeneID (NCBI):</b> 8829	<b>CloneNo.:</b> 241812B11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O14786	
<b>Isotype:</b> IgG	<b>Full Name:</b> neuropilin 1	

## 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.

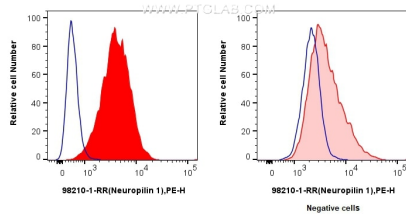
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



1x10<sup>6</sup> HUVEC cells (left) or MCF-7 cells (right) were surface stained with 0.25 ug Anti-Human Neuropilin 1/CD304 Rabbit Recombinant Antibody (98210-1-RR, Clone: 241812B11) (red) or 0.25 ug 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.