

For Research Use Only

# FcZero-rAb™ PE Anti-Human VEGFR2/CD309 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98009



## Basic Information

Catalog Number:

PE-FcA98009

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_002253

GeneID (NCBI):

3791

Full Name:

kinase insert domain receptor (a type

III receptor tyrosine kinase)

Calculated MW:

152kd

Purification Method:

Protein A purification

CloneNo.:

230238B11

Excitation/Emission maxima

wavelengths:

496 nm, 565 nm / 578 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

## Background Information

VEGFR2, also named as CD309, KDR and FLK1, is a receptor for VEGF or VEGFC. VEGFR2 which belongs to the protein kinase superfamily, has a tyrosine-protein kinase activity. The VEGF-kinase ligand/receptor signaling system plays a key role in vascular development and regulation of vascular permeability. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi's sarcoma lesions. VEGFR2 functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. Mutations of this gene are implicated in infantile capillary hemangiomas.

## Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

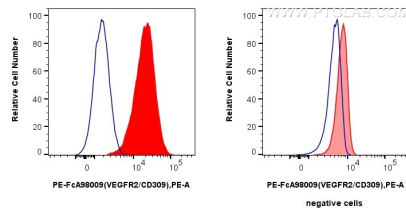
For technical support and original validation data for this product please contact:

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 HeLa cells (right) cells were surface stained with 5 ul PE Anti-Human VEGFR2/CD309 Rabbit Recombinant Antibody (PE-FcA98009, Clone:230238B11) (red), or 5 ul PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.