For Research Use Only

FcZero-rAb™ Biotin Anti-Mouse VEGFR2/CD309 Rabbit Recombinant Antibody

Catalog Number:Biotin-FcA98027-2

proteintech®
Antibodies | ELISA kits | Proteins
FcZero-rAb
www.ptglab.com

Basic Information

Catalog Number:
Biotin-FcA98027-2

Size:
100ug , 500 ug/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG0703

GenBank Accession Number:
NM_010612.2

GeneID (NCBI):
16542

UNIPROT ID:
P35918-1

Full Name:
kinase insert domain protein receptor

Calculated MW:
150KD

Purification Method:
Protein A purification

CloneNo.:
240214D7

Recommended Dilutions:
FC: 0.25 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
-

Applications

Tested Applications:
FC, ELISA

Species Specificity:
mouse

Positive Controls:

FC : bEnd.3 cells,

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.

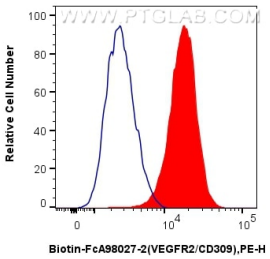
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

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
W: ptglab.com

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

Selected Validation Data



1x10^6 bEnd.3 cells were surface stained with 0.25 ug Biotin Anti-Mouse VEGFR2/CD309 Rabbit RecAb (Biotin-FcA98027-2, Clone: 240214D7) (red) or 0.25 ug FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.