

For Research Use Only

Anti-Human VEGFR2/CD309 Rabbit Recombinant Antibody, PBS Only



Catalog Number: 98009-1-PBS

Basic Information

Catalog Number: 98009-1-PBS	GenBank Accession Number: NM_002253	Purification Method: Protein A purification
Size: 100ug , 2000 µg/ml	GeneID (NCBI): 3791	CloneNo.: 230238B11
Source: Rabbit	UNIPROT ID: P35968-1	
Isotype: IgG	Full Name: kinase insert domain receptor (a type III receptor tyrosine kinase)	
	Calculated MW: 152kd	

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

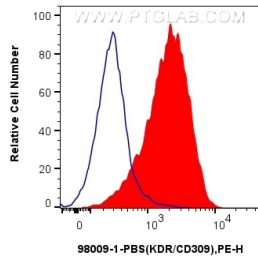
Storage:
Store at -80°C. Stable for one year after shipment.

Storage Buffer:
PBS only

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

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Selected Validation Data



1×10^6 HUVEC cells were surface stained with 0.25 μ g Anti-Human VEGFR2/CD309 (98009-1-PBS, Clone: 230238B11) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (blue). Cells were not fixed.