

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:	1mg, 2 mg/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.

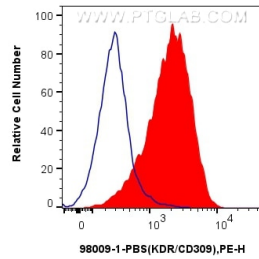
Storage

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
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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-O-AP) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (blue). Cells were not fixed.