

For Research Use Only

VEGF-C Recombinant monoclonal antibody

Catalog Number:83727-7-RR



Basic Information

Catalog Number: 83727-7-RR	GenBank Accession Number: BC035212	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 7424	CloneNo.: 251992H1
Source: Rabbit	UNIPROT ID: P49767	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:200-1:800
Isotype: IgG	Full Name: vascular endothelial growth factor C	
Immunogen Catalog Number: EG1482	Calculated MW: 419 aa, 47 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls: WB : MCF-7 cells, SW480 cells
Species Specificity: human	IF/ICC : MCF-7 cells,

Background Information

VEGFC is a member of the platelet-derived growth factor / vascular endothelial growth factor (PDGF/VEGF) family. The main function of VEGFC is to promote the growth of lymphatic vessels (Lymphangiogenesis). It acts on lymphatic endothelial cells (LECs) primarily via its receptor VEGFR-3 promoting survival, growth, and migration.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

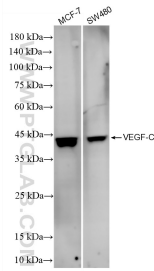
For technical support and original validation data for this product please contact:

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

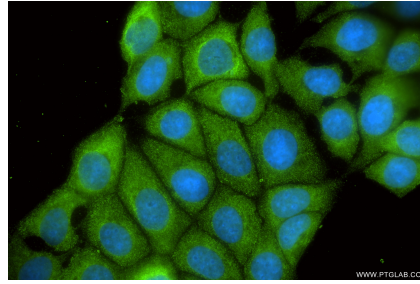
E: proteintech@ptglab.com
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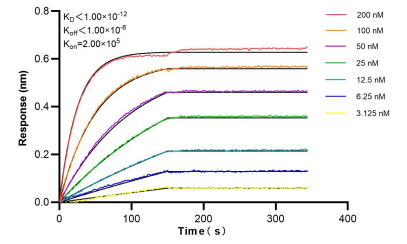
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83727-7-RR (VEGF-C antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using VEGF-C antibody (83727-7-RR, Clone: 251992H1) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Bi-layer interferometry (BLI) kinetic assays of 83727-7-RR against Human VEGF-C were performed. The affinity constant is below 1 pM.