

For Research Use Only

VEGF-C Recombinant monoclonal antibody, PBS Only

Catalog Number:83727-7-PBS



Basic Information

Catalog Number: 83727-7-PBS	GenBank Accession Number: BC035212	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 7424	CloneNo.: 251992H1
Source: Rabbit	UNIPROT ID: P49767	
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, Indirect ELISA

Species Specificity:
human

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 -80°C.

Storage Buffer:
PBS only, 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)

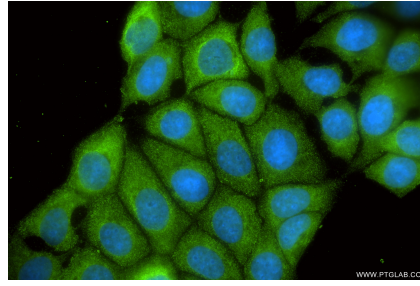
E: proteintech@ptglab.com
W: ptglab.com

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

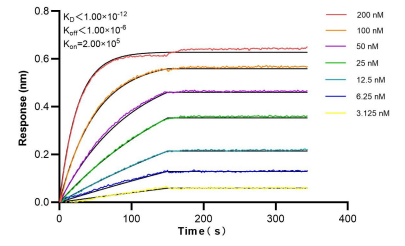
Selected Validation Data



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. This data was developed using the same antibody clone with 83727-7-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83727-7-PBS in a different storage buffer formulation.



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