

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
Source: Rabbit	GeneID (NCBI): 7424	CloneNo.: 251992H1
Isotype: IgG	UNIPROT ID: P49767	
Immunogen Catalog Number: EG1482	Full Name: vascular endothelial growth factor C	
	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.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

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

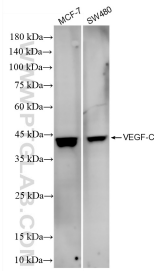
T: 4006900926

E: Proteintech-CN@ptglab.com

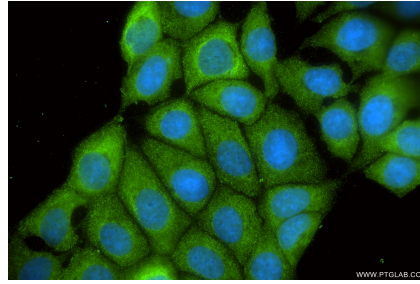
W: ptgcn.com

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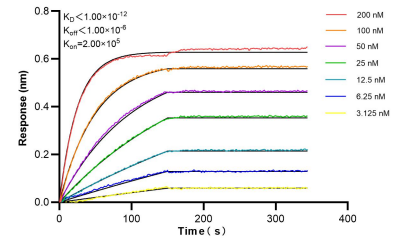
Selected Validation Data



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. 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.