

For Research Use Only

VEGFB Recombinant antibody

Catalog Number: 84734-3-RR



Basic Information

Catalog Number: 84734-3-RR	GenBank Accession Number: BC008818	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7423	CloneNo.: 242024C10
Source: Rabbit	UNIPROT ID: P49765	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: vascular endothelial growth factor B	
	Calculated MW: 22 kDa	
	Observed MW: 22-30 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Human VEGFB Transfected HEK-293T cells,
Species Specificity: human	

Background Information

Vascular endothelial growth factor B (VEGFB) is the third vascular endothelial growth factor family member to be discovered in 1996. It has been demonstrated that vascular endothelial growth factor B (VEGFB) plays a vital role in regulating vascular biological function. VEGFB binds to vascular endothelial growth factor receptor 1 (VEGFR1) and neuropilin 1 (NRP1), which activates a lot of downstream activators similar to most tyrosine kinase receptors such as p38 MAPK, ERK/MAPK, PKB/AKT, and PI3K.(PMID: 34948148, PMID: 37375853)

Storage

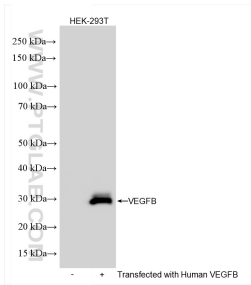
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

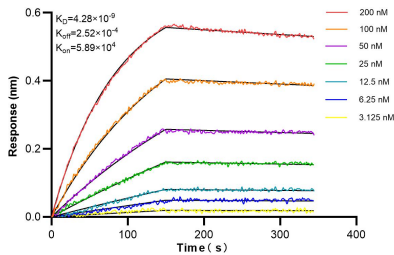
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Human VEGFB Transfected HEK-293T cells were subjected to SDS PAGE followed by western blot with 84734-3-RR (VEGFB antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84734-3-RR against Human VEGFB were performed. The affinity constant is 4.28 nM.