

For Research Use Only

VEGFB Recombinant antibody

Catalog Number: 84734-3-RR



Basic Information

Catalog Number:

84734-3-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC008818

GeneID (NCBI):

7423

UNIPROT ID:

P49765

Full Name:

vascular endothelial growth factor B

Calculated MW:

22 kDa

Observed MW:

22-30 kDa

Purification Method:

Protein A purification

CloneNo.:

242024C10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Human VEGFB Transfected HEK-293T cells,

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

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

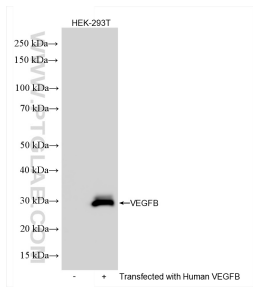
T: 4006900926

E: Proteintech-CN@ptglab.com

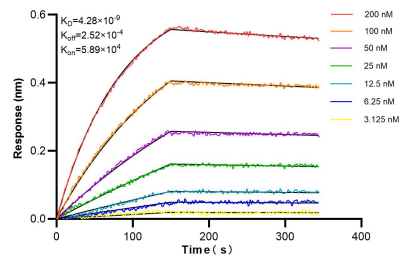
W: ptgcn.com

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

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.