

For Research Use Only

VEGFB Recombinant antibody, PBS Only

Catalog Number: 84734-3-PBS



Basic Information

Catalog Number:

84734-3-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS Only

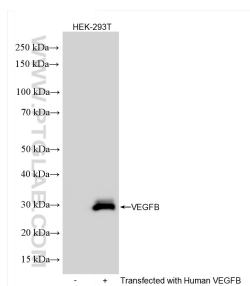
For technical support and original validation data for this product please contact:

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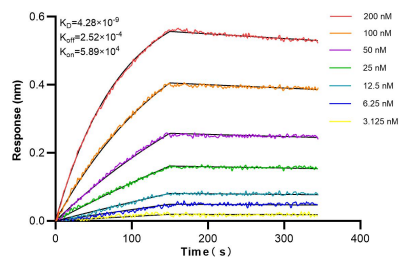
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W: ptglab.com

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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. This data was developed using the same antibody clone with 84734-3-PBS in a different storage buffer formulation.



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