

For Research Use Only

# VEGFR2/KDR Recombinant antibody, PBS Only (Detector)

Catalog Number: 83049-5-PBS



## Basic Information

Catalog Number:

83049-5-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_002253

GeneID (NCBI):

3791

UNIPROT ID:

P35968-1

Full Name:

kinase insert domain receptor (a type  
III receptor tyrosine kinase)

Calculated MW:

152kd

Purification Method:

Protein A purification

CloneNo.:

230238E8

## Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:

human

## Background Information

### 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

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

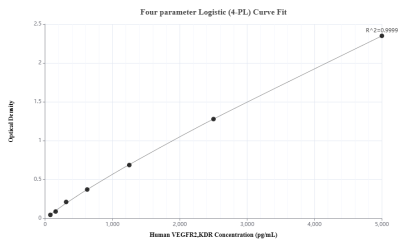
T: 4006900926

E: Proteintech-CN@ptglab.com

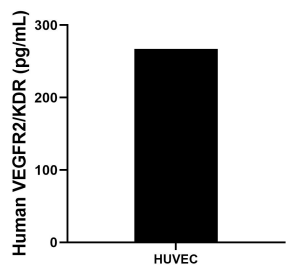
W: ptgcn.com

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

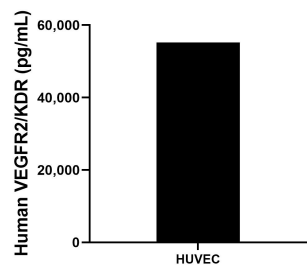
## Selected Validation Data



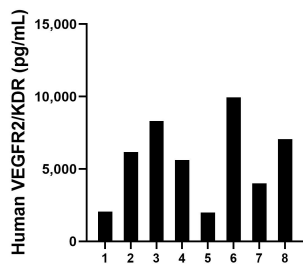
Sandwich ELISA standard curve of MP00012-3, Human VEGFR2/KDR Recombinant Matched Antibody Pair - PBS only. 83049-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0218.83049-5-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



HUVEC was cultured in RPMI supplemented with 10% fetal bovine serum, 50  $\mu$  M  $\beta$ -mercaptoethanol, 2 mM L-glutamine, 100 U/mL penicillin, and 100  $\mu$  g/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for human VEGFR2/KDR, and measured 267.3 pg/mL.



The mean human VEGFR2/KDR concentration was determined to be 55,216.6 pg/mL in HUVEC cell extract based on a 0.4 mg/mL extract load.



Plasma of eight individual healthy human donors was measured. The human VEGFR2/KDR concentration of detected samples was determined to be 5,643.5 ng/mL with a range of 1,988.2 - 9,946.0 pg/mL