

For Research Use Only

# Anti-Human FLT4/VEGFR3 Rabbit Recombinant Antibody

Catalog Number: 98633-1-RR



## Basic Information

Catalog Number:

98633-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2494

GenBank Accession Number:

NM\_182925

GeneID (NCBI):

2324

UNIPROT ID:

P35916-1

Full Name:

fms-related tyrosine kinase 4

Calculated MW:

153kd

Purification Method:

Protein A purification

CloneNo.:

242430C2

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : HEL cells, HUVEC cells

## Background Information

FLT4, also named VEGFR-3, belongs to the protein kinase superfamily, Tyr protein kinase family, and CSF-1/PDGF receptor subfamily. It is a receptor for VEGFC. FLT4 has a tyrosine-protein kinase activity. Defects in FLT4 cause lymphedema hereditary type 1 (LYH1A). Defects in FLT4 are found in juvenile hemangioma. VEGFR-3 is a highly glycosylated protein and migrates as bands with different molecular weights: an ~175 kDa precursor, an ~195 kDa mature form, an ~140 kDa non-glycosylated backbone, and a form that appears to be partially cleaved proteolytically in the extracellular domain to produce an ~125 kDa band (PMID: 15389531).

## Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

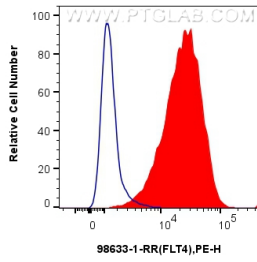
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

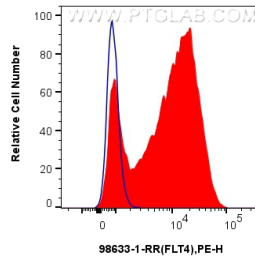
W: [ptgcn.com](http://ptgcn.com)

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

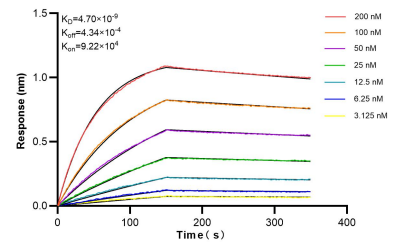
## Selected Validation Data



1x10<sup>6</sup> HEL cells were surface stained with 0.25 ug Anti-Human FLT4/VEGFR3 Rabbit RecAb (98633-1-RR, Clone:242430C2) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



1x10<sup>6</sup> HUVEC cells were surface stained with 0.25 ug Anti-Human FLT4/VEGFR3 Rabbit RecAb (98633-1-RR, Clone:242430C2) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98633-1-RR against Human FLT4/VEGFR3 were performed. The affinity constant is 4.70 nM.