

For Research Use Only

# PDGFR alpha/CD140a Recombinant antibody

Catalog Number: 84383-2-RR



## Basic Information

Catalog Number:

84383-2-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC015186

GeneID (NCBI):

5156

UNIPROT ID:

P16234

Full Name:

platelet-derived growth factor  
receptor, alpha polypeptide

Calculated MW:

123 kDa

Observed MW:

170-190 kDa

Purification Method:

Protein A purification

CloneNo.:

241658G6

Recommended Dilutions:

WB 1:2000-1:10000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : SH-SY5Y cells, mouse brain tissue

## Background Information

Platelet-derived growth factor receptor alpha (PDGFRA, also known as CD140a) is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. PDGFRA is implicated in the regulation of embryonic development, tumorigenesis, cell proliferation, survival, and chemotaxis. Mutations in the PDGFRA gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

## 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:

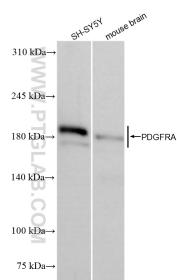
T: 4006900926

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

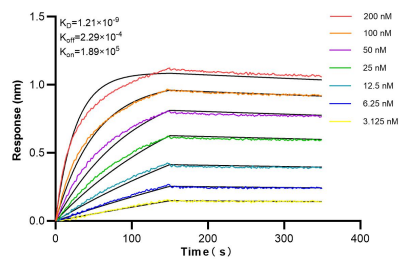
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84383-2-RR (PDGFRα antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84383-2-RR against Human PDGFRα/CD140a were performed. The affinity constant is 1.21 nM.