

For Research Use Only

# Anti-Human PDGFR alpha/CD140a Rabbit Recombinant Antibody

Catalog Number: 98141-1-RR



## Basic Information

<b>Catalog Number:</b> 98141-1-RR	<b>GenBank Accession Number:</b> BC015186	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, 1000 ug/ml	<b>GeneID (NCBI):</b> 5156	<b>CloneNo.:</b> 241658H4
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P16234	
<b>Isotype:</b> IgG	<b>Full Name:</b> platelet-derived growth factor receptor, alpha polypeptide	
	<b>Calculated MW:</b> 123 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
human

## Background Information

Platelet-derived growth factor receptor alpha (PDGFR alpha, 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 2 - 8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide, pH 7.3.

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

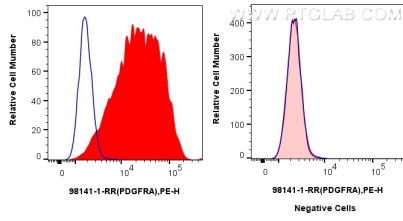
T: 4006900926

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

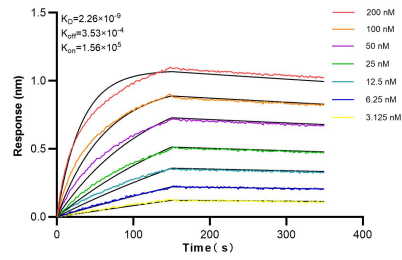
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> MG-63 cells (left) or A-172 cells (right) were surface stained with 0.25 µg Anti-Human PDGFR alpha/CD140a Rabbit Recombinant Antibody (98141-1-RR, Clone: 241658H4) (red) or Isotype Control (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98141-1-RR against Human PDGFR alpha/CD140a were performed. The affinity constant is 2.26 nM.