

For Research Use Only

Anti-Mouse PDGFR alpha/CD140a Rabbit Recombinant Antibody

Catalog Number: 98256-1-RR



Basic Information

Catalog Number:

98256-1-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_001083316.2

GeneID (NCBI):

18595

UNIPROT ID:

P26618-1

Full Name:

platelet derived growth factor
receptor, alpha polypeptide

Calculated MW:

123kDa

Purification Method:

Protein A purification

CloneNo.:

242025B3

Applications

Tested Applications:

FC

Species Specificity:

mouse

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.

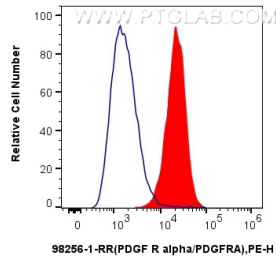
For technical support and original validation data for this product please contact:

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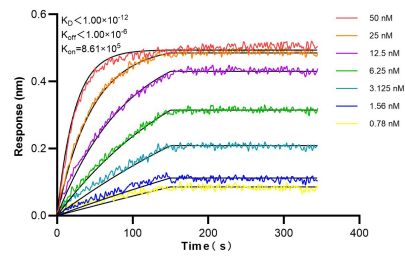
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ NIH/3T3 cells were surface stained with 0.25 ug Anti-Mouse PDGFR alpha/CD140a Rabbit Recombinant Antibody (98256-1-RR, Clone: 242025B3) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (red), or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) and PE-Conjugated Goat Anti-Rabbit IgG(H+L) (blue). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98256-1-RR against Mouse PDGFR alpha/CD140a were performed. The affinity constant is below 1 pM.