

For Research Use Only

PDGFR alpha/CD140a Monoclonal antibody

Catalog Number: 60045-1-Ig **5 Publications**



Basic Information

Catalog Number:

60045-1-Ig

Concentration:

853 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG1385

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:

100-120 kDa, 140-160 kDa

Purification Method:

Protein A purification

CloneNo.:

2C11B8

Recommended Dilutions:

WB 1:2000-1:20000

Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human

Cited Species:

human, mouse

Positive Controls:

WB : THP-1 cells, HT-1080 cells, HUVEC cells, U-251 cells

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 PDGFRA gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenting Luo	29604361	Metabolism	WB
Deguan Lv	35659339	Dev Cell	WB,IF
Tiffany L Dill	33298462	Development	IF

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

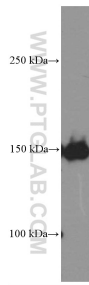
T: 4006900926

E: Proteintech-CN@ptglab.com

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



THP-1 cells were subjected to SDS PAGE followed by western blot with 60045-1-Ig (PDGFRA Antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.