

For Research Use Only

PDGFR beta Polyclonal antibody

Catalog Number: 13449-1-AP

Featured Product

28 Publications



Basic Information

Catalog Number:

13449-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4285

GenBank Accession Number:

BC032224

GeneID (NCBI):

5159

UNIPROT ID:

P09619

Full Name:

platelet-derived growth factor receptor, beta polypeptide

Calculated MW:

1106 aa, 124 kDa

Observed MW:

160-180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:2000-1:8000

Applications

Tested Applications:

FC, IHC, WB, ELISA

Cited Applications:

WB, IP, IHC

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse lung tissue,

IHC : human placenta tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Xiuyue Song	36171979	J Tissue Eng	
Hui Tang	33330033	Front Oncol	WB
Polona Safaric Tepes	34837064	Lab Invest	WB

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:

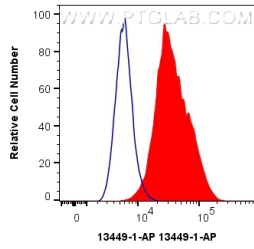
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

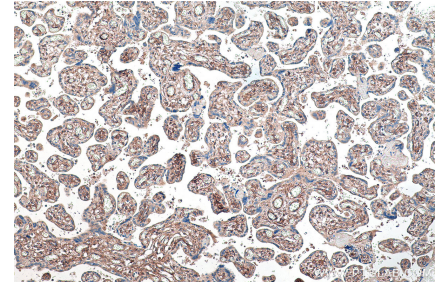
Selected Validation Data



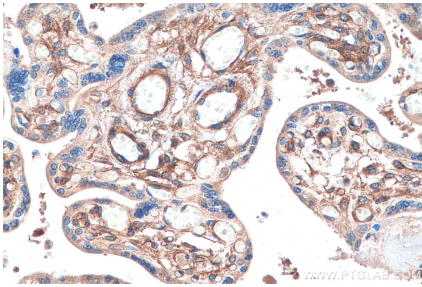
1X10⁶ A549 cells were intracellularly stained with 0.4 ug Anti-Human PDGFR beta (13449-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



mouse lung tissue were subjected to SDS PAGE followed by western blot with 13449-1-AP (PDGFRB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13449-1-AP (PDGFRB antibody) at dilution of 1:4000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 13449-1-AP (PDGFRB antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).