

For Research Use Only

PDGFRB Polyclonal antibody

Catalog Number: 13449-1-AP **10 Publications**



Basic Information

Catalog Number: 13449-1-AP	GenBank Accession Number: BC032224	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 850 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5159	Recommended Dilutions: WB 1:500-1:2000 IHC 1:2000-1:8000
Source: Rabbit	Full Name: platelet-derived growth factor receptor, beta polypeptide	
Isotype: IgG	Calculated MW: 1106 aa, 124 kDa	
Immunogen Catalog Number: AG4285	Observed MW: 160-180 kDa	

Applications

Tested Applications: FC, IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB: mouse lung tissue,
Species Specificity: human, mouse, rat	IHC: human placenta tissue,
Cited Species: human, mouse	

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

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Hui Tang	33330033	Front Oncol	WB
Polona Safaric Tepes	34837064	Lab Invest	WB
Cong Li	31885626	Stem Cells Int	IF

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

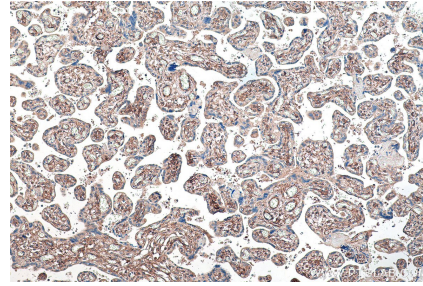
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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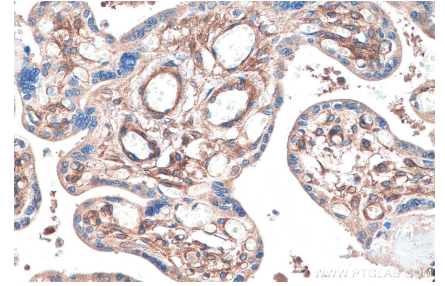
Selected Validation Data



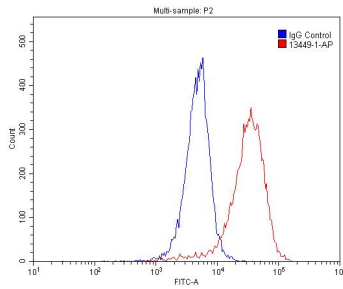
mouse lung tissue were subjected to SDS PAGE followed by western blot with 13449-1-AP (PDGFRB antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).



1X10⁶ A549 cells were stained with 0.2ug PDGFRB antibody (13449-1-AP, red) and control antibody (blue). Fixed with 4% PFA blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500.