

For Research Use Only

# PDGFR $\alpha$ Polyclonal antibody

Catalog Number: 16217-1-AP

3 Publications



## Basic Information

### Catalog Number:

16217-1-AP

### Size:

150 $\mu$ l, Concentration: 1000  $\mu$ g/ml by Nanodrop and 453  $\mu$ g/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG9218

### GenBank Accession Number:

BC010927

### GeneID (NCBI):

5157

### UNIPROT ID:

Q15198

### Full Name:

platelet-derived growth factor receptor-like

### Calculated MW:

375 aa, 42 kDa

### Observed MW:

42 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:20-1:200

IF/ICC 1:20-1:200

## Applications

### Tested Applications:

WB, IHC, IF/ICC, FC (Intra), ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse, rat

### Cited Species:

human

**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 : L02 cells, mouse liver tissue

IHC : human liver cancer tissue, mouse liver tissue

IF/ICC : L02 cells,

## Notable Publications

Author	Pubmed ID	Journal	Application
Qin Yang	38848147	Aging (Albany NY)	WB
Shuwen Kuang	38837427	Mol Carcinog	IHC
Michael T H Ng	38374174	Nat Commun	WB

## 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

\*\*\* 20ul sizes contain 0.1% BSA

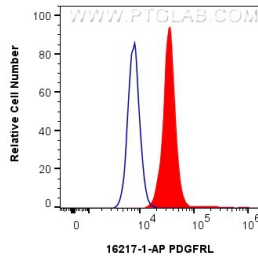
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

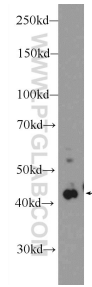
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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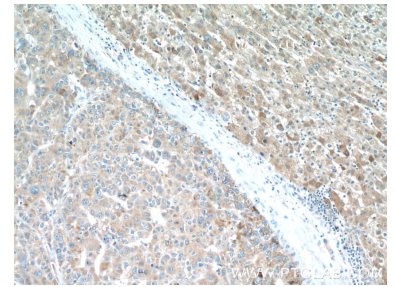
## Selected Validation Data



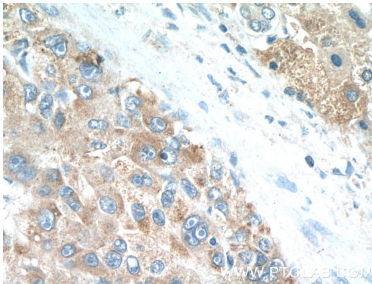
1x10<sup>6</sup> HepG2 cells were intracellularly stained with 0.25 ug PDGFRL Polyclonal antibody (16217-1-AP) and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



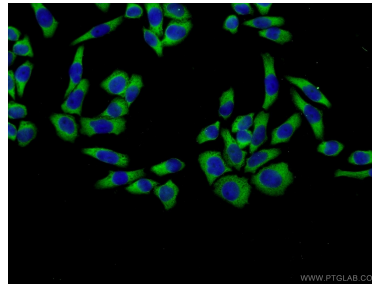
L02 cells were subjected to SDS PAGE followed by western blot with 16217-1-AP (PDGFRL Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16217-1-AP (PDGFRL Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 16217-1-AP (PDGFRL Antibody) at dilution of 1:50 (under 40x lens).



Immunofluorescent analysis of L02 cells using 16217-1-AP (PDGFRL antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).