

For Research Use Only

PDGFR alpha Polyclonal antibody

Catalog Number: 10945-1-AP



Basic Information

Catalog Number: 10945-1-AP	GenBank Accession Number: BC015186	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5156	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: platelet-derived growth factor receptor, alpha polypeptide	
Isotype: IgG	Calculated MW: 123 kDa	
Immunogen Catalog Number: AG1385		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : mouse liver tissue,
Species Specificity: human, mouse, rat	
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

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

Storage

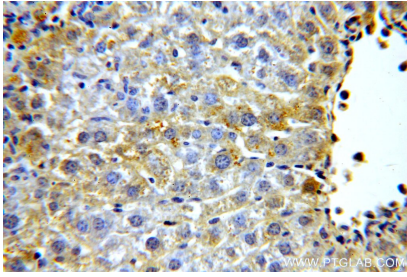
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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)
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse liver using 10945-1-AP (PDGFRA antibody) at dilution of 1:50 (under 40x lens).