

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: 293 µg/ml	GeneID (NCBI): 5156	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: P16234	
Isotype: IgG	Full Name: platelet-derived growth factor receptor, alpha polypeptide	
Immunogen Catalog Number: AG1385	Calculated MW: 123 kDa	

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

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

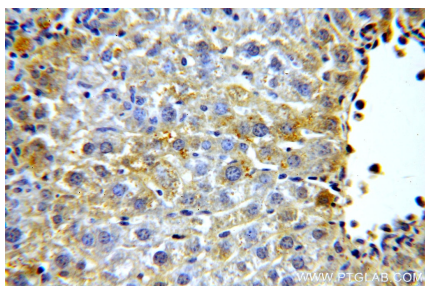
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Selected Validation Data



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