

For Research Use Only

PDGFR alpha/CD140a Monoclonal antibody

Catalog Number: 60045-1-Ig **5 Publications**



Basic Information

Catalog Number: 60045-1-Ig	GenBank Accession Number: BC015186	Purification Method: Protein A purification
Size: 150ul , Concentration: 853 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 5156	CloneNo.: 2C11B8
Source: Mouse	UNIPROT ID: P16234	Recommended Dilutions: WB 1:2000-1:20000
Isotype: IgG1	Full Name: platelet-derived growth factor receptor, alpha polypeptide	
Immunogen Catalog Number: AG1385	Calculated MW: 123 kDa	
	Observed MW: 100-120 kDa, 140-160 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : THP-1 cells, HT-1080 cells, HUVEC cells, U-251 cells
Cited Applications: WB, IF	
Species Specificity: human	
Cited Species: human, mouse	

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

Notable Publications

Author	Pubmed ID	Journal	Application
Wenting Luo	29604361	Metabolism	WB
Deguan Lv	35659339	Dev Cell	WB,IF
Tiffany L Dill	33298462	Development	IF

Storage

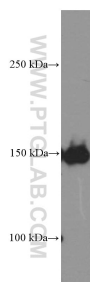
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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

Selected Validation Data



THP-1 cells were subjected to SDS PAGE followed by western blot with 60045-1-Ig (PDGFRA Antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.