
Product Name: PDGFR alpha Mouse Monoclonal Antibody**Catalog #: AMM84955**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	IHC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	IHC 1:50-1:100
Molecular Weight	/

Antigen Information

Gene Name	PDGFR alpha PDGFRA; PDGFR2; RHEPDGFRA; Platelet-derived growth factor receptor alpha; PDGF-R-alpha; PDGFR-alpha; Alpha platelet-derived growth factor receptor; Alpha-type platelet-derived growth factor receptor; CD140 antigen-like family member A; CD140a antigen; Platelet-derived growth factor alpha receptor; Platelet-derived growth factor receptor 2; PDGFR-2; CD140a
Alternative Names	
Gene ID	5156.0
SwissProt ID	P16234
Immunogen	Synthetic peptide conjugated to KLH.

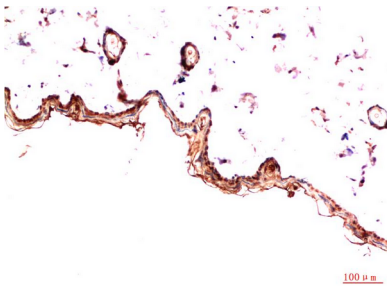
Background

Platelet derived growth factor (PDGF) family proteins exist as several disulphide-bonded, dimeric isoforms (PDGF AA, PDGF AB, PDGF BB, PDGF CC, and PDGF DD) that bind in a specific pattern to two closely related receptor tyrosine kinases, PDGF receptor α (PDGFR α) and PDGF receptor β (PDGFR β). Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.

Research Area

PI3K-Akt signaling pathway, Hippo signaling pathway

Image Data



Immunohistochemistry analysis of paraffin-embedded rat Skin Tissue using PDGFR alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemical analysis of paraffin-embedded Human tonsils using PDGFR alpha antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.