

**Product Name: PDGFR alpha (7H6) Mouse Monoclonal Antibody**  
**Catalog #: AMM00762**



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## Summary

<b>Production Name</b>	PDGFR alpha (7H6) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	IHC-P
<b>Reactivity</b>	Human,Rat,Mouse

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	PDGFRA 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
<b>Alternative Names</b>	
<b>Gene ID</b>	5156
<b>SwissProt ID</b>	P16234

## Application

<b>Dilution Ratio</b>	IHC: 1/50-1/100
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**Molecular Weight** -

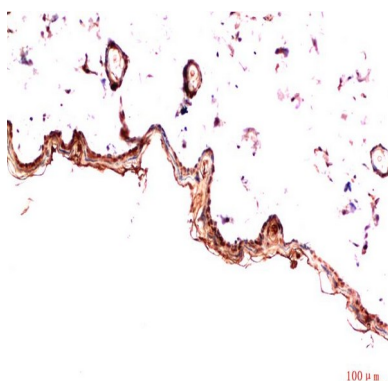
## Background

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  $\alpha$  (PDGFR $\alpha$ ) and PDGF receptor  $\beta$  (PDGFR $\beta$ ). Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.

## Research Area

Cardiovascular

## Image Data



Immunohistochemistry analysis of paraffin-embedded rat Skin Tissue using PDGFR alpha (7H6) 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 (7H6) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

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**Note**

For research use only.