

Anti-PDGF-B Rabbit pAb



WL01625

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-PDGF-B Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:200
	IF	1:500
Cellular localization	Secreted	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	PDGF is a mitogen for mesenchyme- and glia-derived cells. It consists of two disulfide-bonded polypeptide chains, A and B, and occurs as three isoforms; PDGF AA, AB and BB. PDGF-B is proteolytically processed to generate platelet-derived growth factor subunit B, which can homodimerize, or alternatively, heterodimerize with the related platelet-derived growth factor subunit A. Evidence suggests that PDGF may function as a neurotrophic factor. Receptors for PDGF-A are expressed in oligodendrocyte progenitor cells whereas receptors for PDGF-B are expressed on neurons.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PDGF-B.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

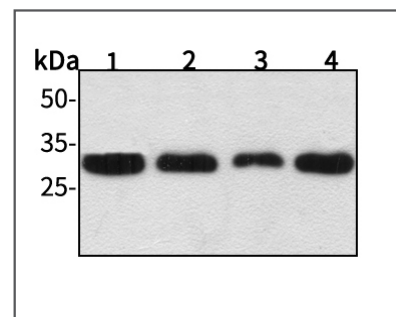
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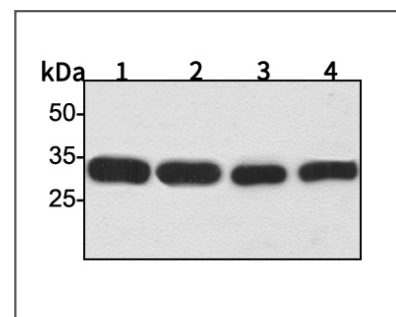
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Product Images



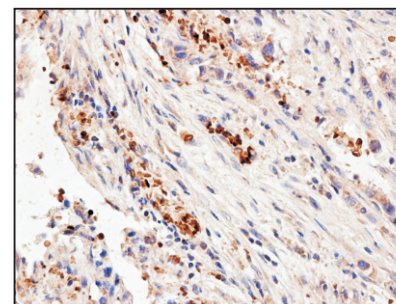
Western blot-Anti-PDGF-B pAb

Lane 1: Human BGC-823 cell lysate
 Lane 2: Human MGC-803 cell lysate
 Lane 3: Human SGC-7901 cell lysate
 Lane 4: Human MCF-7 cell lysate
 All lanes: Anti-PDGF-B at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane
 Predicted band size: 27 kDa
 Observed band size: 27 kDa



Western blot-Anti-PDGF-B pAb

Lane 1: Mouse brain tissue lysate
 Lane 2: Mouse lung tissue lysate
 Lane 3: Rat testicle tissue lysate
 Lane 4: Rat skin tissue lysate
 All lanes: Anti-PDGF-B at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane
 Predicted band size: 27 kDa
 Observed band size: 27 kDa



Immunohistochemistry-Anti-PDGF-B pAb

Immunohistochemical analysis of paraffin-embedded human pancreatic cancer using anti-PDGF-B Rabbit Antibody at 1:100 dilution. Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

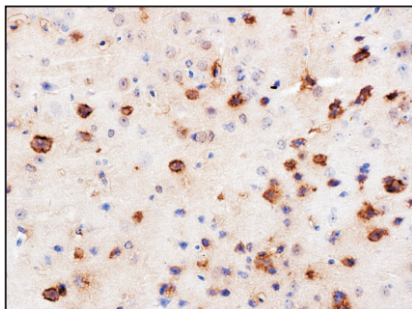
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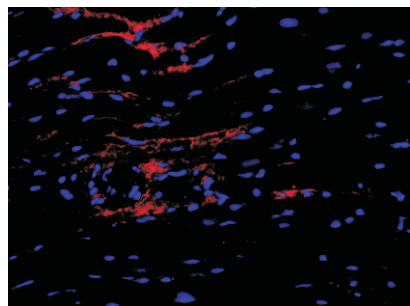
Product Information



Immunohistochemistry-Anti-PDGF-B pAb

Immunohistochemical analysis of paraffin-embedded mouse brain using anti-PDGF-B Rabbit Antibody at 1:200 dilution.

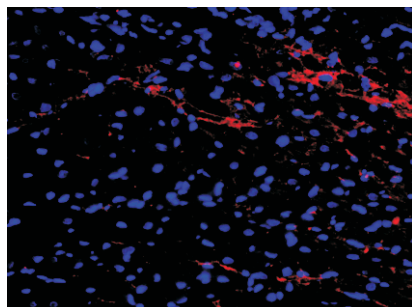
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-PDGF pAb

Immunofluorescence analysis of paraffin-embedded mouse heart using anti-PDGF-B Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-PDGF pAb

Immunofluorescence analysis of paraffin-embedded rat heart using anti-PDGF-B Rabbit Antibody at 1:500 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0