

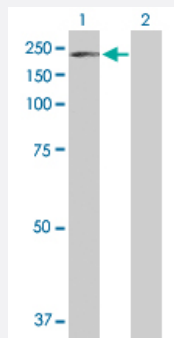
MaxPab®

PDGFRB purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005159-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of PDGFRB expression in transfected 293T cell line ([H00005159-T02](#)) by PDGFRB MaxPab polyclonal antibody.

Lane 1: PDGFRB transfected lysate (121.66 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PDGFRB protein.

Immunogen

PDGFRB (AAH32224, 1 a.a. ~ 1106 a.a) full-length human protein.

Sequence

MRLPGAMPALALKGELLLLSELLLLLEPQISQGLVVTTPPGPELVLNVSSTFVLTCSGSAPVVWERM
SQEPPQEMAKAQDGTFFSVLTNL TGLDTGEYFCTHND SRGLETDERKRLYFVPDPTVGFLPN
DAELFIFL TEITEITIPCRVTD PQLVVT LHEKKGDVALPVPYDHQGRFFGIFEDRSYCKTTIGDREV
DSDAYVYRLQVSSINVS VNAVQT VVRQGENITLMCVIGNEVVNFEWYTPRKESGRLVEPVTD FL
LDMPYHIRSILHIPS AELED SGTYTCNVTESVNDHQDEKAINITVVESGYVRLLGEVGT LQFAELHRS
RTLQVVFEAYPPPTVLWFKDNRTLGDSSAGEIALSTRNVSETRYVSELTLVRVKVAEAGHYTMRA
FHEDA EVQLSFQLQINVPVRVLELSESHPD SGEQTVRCRGRGMPQPNIWSACRDLKRCPRELP
PTLLGNSSEEE SQLETNVTYWEEEQEF EVVSTLR LQHVD RPLSVRCTL RNAVGQDTQEIVVPHS
LPFKVVVISAILALVVLTIISLILIMLWQKKPRYEIRWKVIESVSSDGHEYVYDPMQLPYDSTWELPR
DQLVLGRTLGS GAFGQVVEATAHGLSHSQATMKVAVKMLKSTARSSSEKQALMSELKIMSHLGPH
LNVVNLLGACTKGGPIITEYCRYGDLVDYLHRNKHTFLQHHS DKRRPPSAELYSNALPVGLPLPS
HVSLTGESDGGYMDMSKDESVDYVPM LDMKGDVKYADIESSNYMAPYDNYVPSAPERTCRATLI
NESPVLSYMDLVGFSYQVANGMEFLASKNCVHRDLAARNVLICEGKLVKICDFGLARDIMRDSNYI
SKGSTFLPLKWMAPESIFNSLYTTLSDVWSFGILLWEIFTLGGTPYPELPMNEQFYNAIKRGYRMAQ
PAHASDEYEIMQKCWEEKFEIRPPFSQLVLLERLLGEGYKKKYQQVDEEFLRSDHPAILRSQAR
LPGFHGLRSPLDTSSVLYTAVQPNEGDN DYIPLDPKPEVADEGPLEGSPSLASSTLNEVNTSST
ISCDSPLEPQDEPEPEPQLELQVEPEPELEQLPDSGCPAPRAEAEDSFL

Host	Mouse
Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — PDGFRB

Entrez GeneID	5159
GeneBank Accession#	BC032224
Protein Accession#	AAH32224
Gene Name	PDGFRB
Gene Alias	CD140B, JTK12, PDGF-R-beta, PDGFR, PDGFR1
Gene Description	platelet-derived growth factor receptor, beta polypeptide
Omim ID	131440 173410
Gene Ontology	Hyperlink

Gene Summary

This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. This gene is flanked on chromosome 5 by the genes for granulocyte-macrophage colony-stimulating factor and macrophage-colony stimulating factor receptor; all three genes may be implicated in the 5-q syndrome. A translocation between chromosomes 5 and 12, that fuses this gene to that of the translocation, ETV6, leukemia gene, results in chronic myeloproliferative disorder with eosinophilia. [provided by RefSeq]

Other Designations

beta platelet-derived growth factor receptor|platelet-derived growth factor receptor beta|soluble PDGFRb variant 1

Pathway

- [Calcium signaling pathway](#)
- [Colorectal cancer](#)
- [Cytokine-cytokine receptor interaction](#)
- [Focal adhesion](#)
- [Gap junction](#)
- [Glioma](#)
- [MAPK signaling pathway](#)
- [Melanoma](#)
- [Pathways in cancer](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)
- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)

- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Metabolic Syndrome X](#)
- [Neoplasms](#)
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- [Ovarian Neoplasms](#)
- [Schizophrenia](#)
- [Subdural Effusion](#)