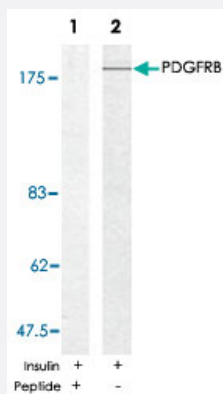


# PDGFRB polyclonal antibody

Catalog # PAB26763

Size 100 ug

## Applications



### Western Blot (Cell lysate)

Western blot analysis of extracts from 293 cells using PDGFRB polyclonal antibody (Cat # PAB26763).

## Specification

|                            |                                                                                                   |
|----------------------------|---------------------------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against synthetic peptide of PDGFRB.                            |
| <b>Immunogen</b>           | A synthetic peptide corresponding to residues surrounding Y751 of human PDGFRB.                   |
| <b>Sequence</b>            | V-D-Yp-V-P                                                                                        |
| <b>Host</b>                | Rabbit                                                                                            |
| <b>Reactivity</b>          | Human, Rat                                                                                        |
| <b>Form</b>                | Liquid                                                                                            |
| <b>Purification</b>        | Affinity chromatography                                                                           |
| <b>Concentration</b>       | 1 mg/mL                                                                                           |
| <b>Recommend Usage</b>     | Western Blot (1:500-1:1000)<br>The optimal working dilution should be determined by the end user. |
| <b>Storage Buffer</b>      | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide)                                    |

**Storage Instruction**

Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

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## Gene Info — PDGFRB

**Entrez GeneID**[5159](#)**Protein Accession#**[P09619](#)**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](#)
- [Osteoporosis](#)
- [Ovarian Neoplasms](#)
- [Schizophrenia](#)
- [Subdural Effusion](#)