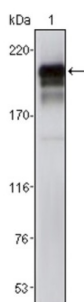


Platelet Derived Growth Factor Receptor Beta (PDGFRB) Antibody

Catalogue No.: abx011361



Western blot analysis using PDGFR β antibody against NIH/3T3 cell lysate (1).

Platelet-derived growth factor receptor, beta polypeptide, also known as PDGFRB, PDGFR beta or CD140B. It is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. This family 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). These growth factors are mitogens for cells of mesenchymal origin. PDGFRB 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.

Target:	Platelet Derived Growth Factor Receptor Beta (PDGFRB)
Clonality:	Monoclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human PDGFR beta expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

Datasheet

Version: 1.0.0
Revision date: 12 Mar 2025



UniProt Primary AC: P09619 ([UniProt](#), [ExPASy](#))

GeneID: [5159](#)

KEGG: hsa:5159

String: [9606.ENSP00000261799](#)

Molecular Weight: 190 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only