

35-1557: Polyclonal Antibody to PDGF Receptor beta (Ab-751)

Clonality :	Polyclonal
Application :	WB
Reactivity :	Rat,Human
Gene :	PDGFRB
Gene ID :	5159
Uniprot ID :	P09619
Format :	Purified
Alternative Name :	PDGFR,PDGFR1
Isotype :	Rabbit IgG
Immunogen Information :	Peptide sequence around aa.749~753 (V-D-Y-V-P) derived from Human PDGFRb.

Description

PDGF Receptor b 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 a 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.

Product Info

Amount :	50 μ l / 100 μ l
Content :	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Predicted MW: 190kd, Western blotting: 1:500~1:1000

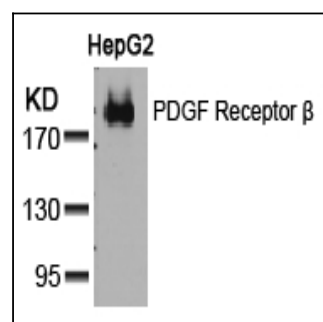


Figure 1: Western blot analysis of extracts from HepG2 cells using PDGF Receptor b(Ab-751) Antibody 35-1557 .