PDGF Receptor b(Ab-751) Antibody

Catalog No: #21219

Package Size: #21219-1 50ul #21219-2 100ul #21219-4 25ul

Overview

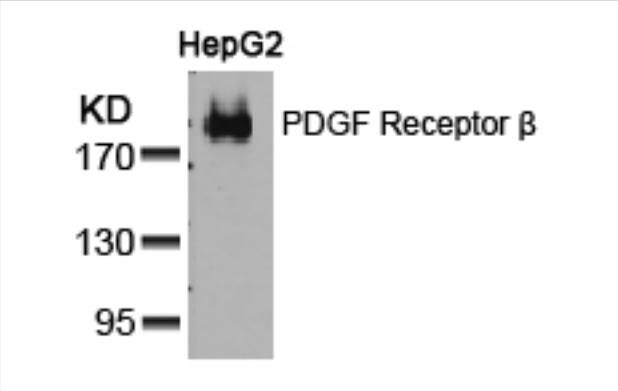
Product Name	PDGF Receptor b(Ab-751) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB
Species Reactivity	Human Rat
Immunogen Type	Peptide-KLH
Target Name	PDGF Receptor b

Application Details

Predicted MW: 190kd

Western blotting: 1:500~1:1000

Images



Western blot analysis of extracts from HepG2 cells using PDGF Receptor b(Ab-751) Antibody #21219.

Descriptions

Immunogen	Peptide sequence around aa.749~753 (V-D-Y-V-P) derived from Human PDGFRb.
Specificity	The antibody detects endogenous level of total PDGF Receptor b protein.
Purifiction	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P09619NCBI Protein: NP_002600.1

Related Information

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.

Lederle W, et al. (2006) Am J Pathol ; 169(5): 1767-1783.
Vignais ML, et al. (1999) Mol Cell Biol; 19(5): 3727-3735.
Herrlich A, et al. (1998) Proc Natl Acad Sci U S A; 95(15): 8985-8990.
Heuchel R, et al. (1999) Proc Natl Acad Sci U S A; 96(20): 11410-11415.