

PDGFR-Beta Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1009
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human PDGFR-Beta expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Mouse
Clonality	Monoclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Beta-type platelet-derived growth factor receptor
Synonyms	PDGFRB; PDGFR; PDGFR1; Platelet-derived growth factor receptor beta; PDGF-R-beta; PDGFR-beta; Beta platelet-derived growth factor receptor; Beta-type platelet-derived growth factor receptor; CD140 antigen-like family member B; Platelet-deri

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

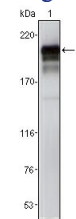
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using PDGFR-Beta Monoclonal antibody against NIH/3T3 cell lysate (1).

Storage

-20°C for one year