



PDGFRb (Phospho Tyr579+Tyr581) Rabbit pAb

Immunogen Synthesized peptide derived from human PDGFRb (Phospho Tyr579+Tyr581) Specificity This antibody detects endogenous levels of PDGFRb (Phospho Tyr579+Tyr581) Rabbit pAb at Human, Mouse,Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Platelet-derived growth factor receptor beta (PDGF-R-beta) (PDGFR-beta) (EC		
Reactivity	Catalog No	BYab-17312
Applications IHC,WB Gene Name PDGFRB PDGFR PDGFR1 Protein Name Platelet-derived growth factor receptor beta (PDGF-R-beta) (PDGFR-beta) (EC 2.7.10.1) (Beta platelet-derived growth factor receptor) (Beta-type platelet-derived growth factor receptor) (CD140 antigen-limmunogen Synthesized peptide derived from human PDGFRb (Phospho Tyr579+Tyr581) Specificity This antibody detects endogenous levels of PDGFRb (Phospho Tyr579+Tyr581) Rabbit pAb at Human, Mouse, Rat Formulation Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. Source Rabbit,polyclonal Purification The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. Dilution WB 1:500-2000 IHC 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms Platelet-derived growth factor receptor beta (PDGF-R-beta) (PDGFR-beta) (EC 2.7.10.1) (Beta platelet-derived growth factor receptor) (Beta-type platelet-derived growth factor receptor) (CD140 antigen-like family member B) (Platelet-derived growth factor receptor) (CD140 antigen-like family member B) (Platelet-derived growth factor receptor) (Seta-type platelet-derived growth factor receptor) (PDGFR-1) (CD antigen CD140b) Observed Band 124kD Cell Pathway Cell membrane; Single-pass type I membrane protein. Cytoplasmic vesicle. Lysosome lumen. Affer ligand binding, the autophosphorylated receptor is ubiquitinated and internalized, leading to its degradation. Tissue Specificity Function catalytic activity.ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate, disease: A chromosomal aberration involving PDGFRB is a cause in many instances of chronic myeloproliferative disorder with eosinophilia (MPE) [MIM: 131440]. Translocation (15;12) with ETV6 on chromosome 12 creating an PDGFRB is a cause in many instances of chronic myeloproliferative disorder with eosinophilia (MPE) [MIM: 131440]. Translocation (15;12) with ETV6 on chromosome 12 creating an PDGFRB is a cause in many instances of chronic myelong protein, d	Isotype	IgG
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Translocation t(5;12)(q33;p13) with EVT6/TEL. It is characterized by abnormal clonal myeloid proliferation and by progression to acute myelogenous leukemia (AML)., disease: A chromosomal aberration involving PDGFRB may be a cause of acute myelogenous leukemia. Translocation t(5;14)(q33;q32) with TRIP11. The fusion protein may be involved in clonal evolution of leukemia and eosinophilia., disease: A chromosomal aberration involving PDGFRB may be a

Background

platelet derived growth factor receptor beta(PDGFRB) Homo sapiens 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, Jul 2008],

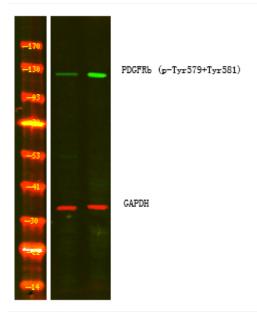
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of 1 Jurkat cell, 2 LPS 100ng/mL 30min treated ,using primary antibody at 1:1000 dilution. Secondary antibody(catalog#:RS23920) was diluted at 1:10000

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