Datasheet for ABIN744578

anti-PDGFRB antibody (pTyr1009)

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Overview

Quantity:	100 µL
Target:	PDGFRB
Binding Specificity:	pTyr1009
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDGFRB antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human PDGF Receptor beta around the phosphorylation site of Tyr1009 [VL(p-Y)TA]
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog
Purification:	Purified by Protein A.

Target Details

Target:	PDGFRB
Alternative Name:	PDGF Receptor beta (PDGFRB Products)

Target Details

Background:	Synonyms: PDGFRBphospho Y1009, PDGF Receptor beta phospho Y1009, PDGF Receptor beta phospho Tyr1009, Beta platelet derived growth factor receptor, Beta-type platelet-derived growth factor receptor, CD 140B, CD140 antigen-like family member B, CD140B, CD140B, CD140b antigen, JTK12, OTTHUMP00000160528, PDGF R beta, PDGF-R-beta, PDGFR 1, PDGFR, PDGFR beta, PDGFR1, PDGFRB, PGFRB_HUMAN, Platelet derived growth factor receptor 1, Platelet derived growth factor receptor beta, Platelet derived growth factor receptor beta, polypeptide. 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. [provided by RefSeq].
Gene ID:	5159
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Inositol Metabolic Process, Glycosaminoglycan Metabolic Process, Smooth Muscle Cell Migration, Platelet-derived growth Factor Receptor Signaling

Application Details

Application Notes:	WB 1:300-5000
	ELISA 1:500-1000
	IHC-P 1:200-400
	IHC-F 1:100-500
	IF(IHC-P) 1:50-200
	IF(IHC-F) 1:50-200
	IF(ICC) 1:50-200

Restrictions:	For Research Use only

Handling

Format:	Liquid

Handling

Concentration:	1 μg/μL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months