



PDGF Receptor β (phospho-Tyr1009) rabbit pAb

Cat No.:ES14183

For research use only

Overview

Product Name	PDGF Receptor β (phospho-Tyr1009) rabbit pAb
Host species	Rabbit
Applications	WB;IHC
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000;IHC-p 1:50-300
Immunogen	Synthesized phospho peptide around human PDGF Receptor β (Tyr1009)
Specificity	This antibody detects endogenous levels of Human Mouse PDGF Receptor β (phospho-Tyr1009)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	PDGF Receptor β (Tyr1009)
Gene Name	PDGFRA PDGFR2 RHEPDGFRA
Cellular localization	Cell membrane ; Single-pass type I membrane protein . Cell projection, cilium . Golgi apparatus .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	180kD
Human Gene ID	5156
Human Swiss-Prot Number	P16234
Alternative Names	Platelet-derived growth factor receptor alpha (PDGF-R-alpha) (PDGFR-alpha) (EC 2.7.10.1) (Alpha platelet-derived growth factor receptor) (Alpha-type platelet-derived growth factor receptor) (CD140 antigen-like family member A) (CD140a antigen) (Platelet-d

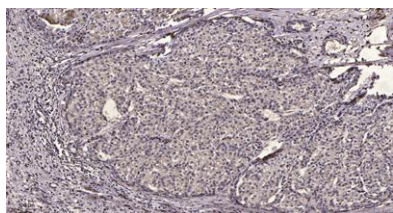
Background

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. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers. [provided by RefSeq, Mar 2012],



Immunohistochemical analysis of paraffin-embedded human liver cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

