

PDGFR-α (phospho Tyr762) rabbit pAb

Cat No.:ES6532

For research use only

Overview

Product Name PDGFR-α (phospho Tyr762) rabbit pAb

Host species Rabbit
Applications IHC;IF;ELISA

Species Cross-Reactivity Human; Mouse; Rat

Recommended dilutions Immunohistochemistry: 1/100 - 1/300. ELISA:

1/10000. Not yet tested in other applications.

Immunogen The antiserum was produced against synthesized

peptide derived from human PDGFR alpha around

the phosphorylation site of Tyr762. AA

range:731-780

Specificity Phospho-PDGFR-α (Y762) Polyclonal Antibody

detects endogenous levels of PDGFR-α protein only

when phosphorylated at Y762.

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 Platelet-derived growth factor receptor alpha

Gene Name PDGFRA

Cell ular 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

Human Gene ID 5156 Human Swiss-Prot Number P16234

Alternative Names PDGFRA; PDGFR2; RHEPDGFRA; Platelet-derived

growth factor receptor alpha; PDGF-R-alpha; PDGFR-alpha; Alpha platelet-derived growth factor receptor; Alpha-type platelet-derived growth factor

receptor; CD140 antigen-like family member A;



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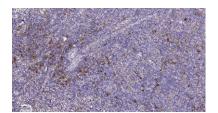
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Background

CD14

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 tonsil. 1, Tris-EDTA,pH9.0 was used for antigen retrieval. 2 Antibody was diluted at 1:200(4° overnight.3,Secondary antibody was diluted at 1:200(room temperature, 45min).

