

PDGFR- β Rabbit monoclonal antibody

Catalog: BS9886M

Host: Rabbit

Reactivity: Human, Mouse, Rat

Background:

Platelet-derived growth factor receptors exhibit tyrosine-protein kinase activity and have been implicated in the control of cell proliferation, survival and migration. PDGF receptors, PDGFR- α and PDGFR- β , have 5 extracellular immunoglobulin-like domains and an intracellular tyrosine kinase domain. Upon binding a PDGF, the receptors form homo- and heterodimers. Dimerization of the receptors results in phosphorylation in the complex. More than 10 different SH2-domain-containing molecules have been shown to bind to different autophosphorylation sites in the PDGF- α and β receptors. PDGF α receptors are expressed in oligodendrocyte progenitor cells and PDGF β receptors are expressed on neurons.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 124, 190 kDa

Swiss-Prot:

P09619

Purification&Purity:

Protein A affinity purified

Applications:

WB: 1:1000-1:5000

IHC: 1:50-1:200

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

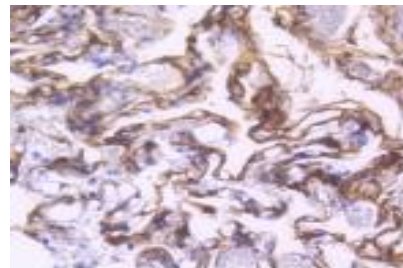
Specificity:

This antibody detects endogenous levels of PDGFR- β and does not cross-react with related proteins.

DATA:



Western blot (WB) analysis of PDGFR- β Rabbit mAb at 1:1000 dilution
Lane 1: NIH/3T3 whole cell lysate



Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-PDGFR- β antibody. Counter stained with hematoxylin.

Note:

For research use only, not for use in diagnostic procedure.

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