

Phospho-PDGF Receptor beta (Tyr740) Rabbit pAb

db1983

Package : 20μL 50μL 100μL

Product Name : Phospho-PDGF Receptor beta (Tyr740) Rabbit pAb**Cat.No.:** db1983**Synonyms** : Pdgfr; CD140b; PDGFR-1; A1528809**Application** : WB, ICC/IF**Reactivity** : Mouse, Rat**Host species** : Rabbit**Background**

Tyrosine-protein kinase that acts as cell-surface receptor for homodimeric PDGFB and PDGFD and for heterodimers formed by PDGFA and PDGFB, and plays an essential role in the regulation of embryonic development, cell proliferation, survival, differentiation, chemotaxis and migration. Plays an essential role in blood vessel development by promoting proliferation, migration and recruitment of pericytes and smooth muscle cells to endothelial cells. Plays a role in the migration of vascular smooth muscle cells and the formation of neointima at vascular injury sites.

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Tyr740 of mouse PDGF Receptor beta

Gene ID

18596

Swiss Prot

P05622

Synonyms

Pdgfr; CD140b; PDGFR-1; A1528809

Reactivity

Mouse, Rat

Application

WB, ICC/IF

Recommended dilution

WB: 1:1000

ICC/IF: 1:50

Calculated MW

123 kDa

Observed MW

190 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.