

Rabbit anti-Mouse, Rat PDGF beta Monoclonal Antibody | anti-Pdgfrb antibody

PDGF Receptor beta (Phospho-Y740) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311021	Rabbit	Mouse, Rat	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Western Blot

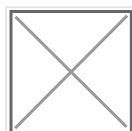
PRODUCT SYNONYMS

PDGF beta; Monoclonal Antibody; PDGF Receptor beta (Phospho-Y740) Antibody; Beta platelet derived growth factor receptor antibody; Beta-type platelet-derived growth factor receptor antibody; CD 140B antibody; CD140 antigen-like family member B antibody; CD140b antibody; CD140b antigen antibody; IBGC4 antibody; IMF1 antibody; JTK12 antibody; OTTHUMP00000160528 antibody; PDGF R beta antibody; PDGF-R-beta antibody; PDGFR 1 antibody; PDGFR antibody; PDGFR beta antibody; PDGFR1 antibody; PDGFRB antibody; PGFRB_HUMAN antibody; Platelet derived growth factor receptor 1 antibody; Platelet derived growth factor receptor beta antibody; Platelet derived growth factor receptor beta polypeptide antibody; anti-Pdgfrb antibody

PRODUCT SPECIFICATIONS

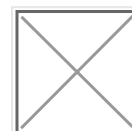
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Monoclonal
Clone Number	SN0646
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-Pdgfrb antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyr740 of human PDGF Receptor beta.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining PDGF Receptor beta (phospho Y740) in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining PDGF Receptor beta (phospho Y740) in C2C12 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-Pdgfrb antibody	Platelet Derived Growth Factor (PDGF) is a mitogen for mesenchyme- and glia-derived cells. PDGF consists of two chains, A and B, which dimerize to form functionally distinct isoforms, PDGF-AA, PDGF-AB, and PDGF-BB. These three isoforms bind with different affinities to two receptor types, a and b, which are endowed with protein tyrosine kinase domains and undergo either homo- or heterodimerization as a consequence of ligand binding. Ligand stimulation of PDGFR-b leads to autophosphorylation at Tyr-857, which is the major autophosphorylation site, and Tyr-751, which is the major in vitro phosphorylation site. Autophosphorylation of Tyr-751, which lies in the kinase insert region, is required for binding of phosphatidylinositol-3 kinase to the receptor. These auto-phosphorylation events largely contribute to signal transduction through the PDGF receptor.
Product Categories/Family for anti-Pdgfrb antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	226342982
NCBI GeneID	18596
NCBI Accession #	NP_001139740.1
NCBI GenBank Nucleotide #	NM_001146268.1
UniProt Accession #	P05622
Molecular Weight	122,806 Da
NCBI Official Full Name	platelet-derived growth factor receptor beta isoform 1
NCBI Official Synonym Full Names	platelet derived growth factor receptor, beta polypeptide
NCBI Official Symbol	Pdgfrb
NCBI Official Synonym Symbols	Pdgfr; CD140b; PDGFR-1; AI528809
NCBI Protein Information	platelet-derived growth factor receptor beta
UniProt Protein Name	Platelet-derived growth factor receptor beta
UniProt Gene Name	Pdgfrb
UniProt Synonym Gene Names	Pdgfr; Pdgfr1; PDGF-R-beta; PDGFR-beta; PDGFR-1
UniProt Entry Name	PGFRB_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pdgf-beta-antibody-clone-sn0646-flow-cytometry-immunohistochemistry-immunofluorescence-immunocytochemistry-western-blot-elisa/311021>