

Rabbit PDGF beta Polyclonal Antibody | anti-PDGFRB antibody

PDGF Receptor beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29872	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

PDGF beta; Polyclonal Antibody; PDGF Receptor beta 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

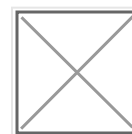
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PDGFRB antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	IHC: 1:50-1:200 ICC: 1:50-1:200
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C

IMAGES



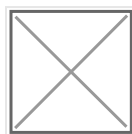
WB (Western Blot)

Various whole cell lysates were separated by 4-8% SDS-PAGE, and the membrane was blotted with PDGFR-beta Rabbit mAb; The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody; Lane 1: C6; Lane 2: NIH-3T3; Lane 3: MG-63; Predicted band size: 124kDa; Observed band size: 150-190kDa



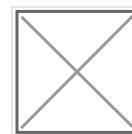
FCM (Flow Cytometry)

Flow cytometric analysis of NIH-3T3 cells with PDGF Receptor beta antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



ICC (Immunocytochemistry)

ICC staining PDGF Receptor beta in MCF-7 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 in HepG2 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 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-PDGF Receptor beta antibody. Counter stained with hematoxylin.

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, PDGFR-alpha and -beta, which are endowed with protein tyrosine kinase domains. PDGFR-alpha can bind to both A and B subunits of PDGF, while PDGFR- PDGF-AA induces the dimerization of alphaalpha and alphabeta and PDGF-BB induces the formation of three types of PDGF-AB induces dimerization of alphaalpha and alphabeta and PDGF-BB induces the formation of three types A dimlist, alphaalpha, alphabeta and beta beta. Translocation of the PDGFR-beta gene with the Tel gene is linked to chronic myelomonocytic leukemia (CMML), a myelodysplastic syndrome, and demonstrate the oncogenic potential of the PDGF receptors.
Product Categories/Family for anti-PDGFRB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505683
NCBI GeneID	5159
NCBI Accession #	NP_002600.1
NCBI GenBank Nucleotide #	NM_002609.3
UniProt Accession #	P09619; Q8N5L4
Molecular Weight	Calculated MW: 175 kDa
NCBI Official Full Name	platelet-derived growth factor receptor beta
NCBI Official Synonym Full Names	platelet-derived growth factor receptor, beta polypeptide
NCBI Official Symbol	PDGFRB
NCBI Official Synonym Symbols	IBGC4; JTK12; PDGFR; CD140B; PDGFR1; PDGFR-1
NCBI Protein Information	platelet-derived growth factor receptor beta; PDGFR-beta; PDGF-R-beta; CD140 antigen-like family member B; platelet-derived growth factor receptor 1; beta-type platelet-derived growth factor receptor
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_HUMAN

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/polyclonal/pdgf-beta-antibody-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29872>