Rabbit PDGF beta Monoclonal Antibody | anti-PDGFRB antibody

PDGF Receptor beta Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312178	**Rabbit**	**Human, Mouse, Rat**	**Immunoprecipitation, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

PDGF beta; Monoclonal 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	Monoclonal
Clone Number	SY10-08
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	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

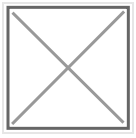
IMAGES

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

IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-PDGF Receptor beta antibody. Counter stained with hematoxylin.

IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-PDGF Receptor beta antibody. Counter stained with hematoxylin.

IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-PDGF Receptor beta antibody. Counter stained with hematoxylin.



WB (Western Blot)
Western blot analysis of PDGF Receptor beta on NIH/3T3 cell lysates using anti-PDGF Receptor beta antibody at 1/1, 000 dilution.

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, PGDF-AA, PDGF-AB and PDGF-BB. These three isoforms bind with different affinities to two receptor types, PDGFR-alpha and Cbeta , which are endowed with protein tyrosine kinase domains. PDGFR-alpha can bind to both A and B subunits of PDGF, while PDGFR-beta can only bind the B subunit. Ligand binding promotes either homo- or heterodimerization of the PDGF receptors in a specific manner. PDGF-AA induces the dimerization of two alpha receptors, PDGF-AB induces dimerization of alphaalpha and alphabeta and PDGF-BB induces the formation of three types of dimers, alphaalpha, alphabeta and beta beta . Translocation of the PDGFR- gene with the Tel gene is linked to chronic myelomonocytic leukemia (CMML), a myelodysplastic syndrome, and demonstrates 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	123,968 Da
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/pdgf-beta-antibody-clone-sy10-08-immunoprecipitation-immunohistochemistry-western-blot-elisa/312178