

PDGFR beta Recombinant Antibody | PDGFRbeta recombinant antibody

Rabbit anti-PDGFR beta Recombinant Monoclonal Antibody [BLR242L]

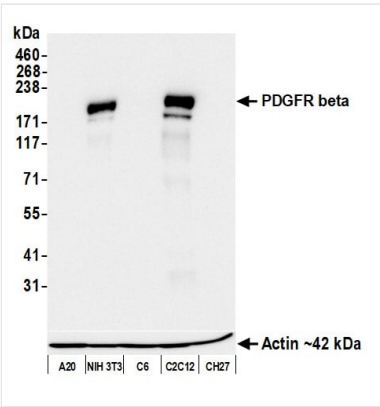
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213658	Rabbit	Mouse	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

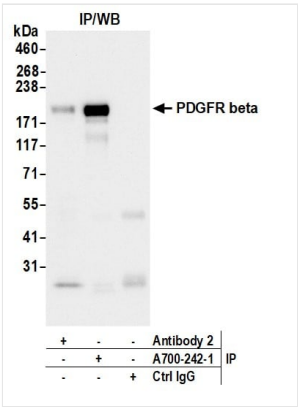
PDGFR beta; Monoclonal Recombinant Antibody; Rabbit anti-PDGFR beta Recombinant Monoclonal Antibody [BLR242L]; CD antigen CD140b; platelet-derived growth factor receptor beta variant 1; platelet-derived growth factor receptor beta; platelet-derived growth factor receptor 1; PDGFR-beta; PDGF-R-beta; PDGFR-1; Pdgfr; PDGF beta chain; AI528809; CD140 antigen-like family member B; beta-type platelet-derived growth factor receptor; beta platelet-derived growth factor receptor; CD140b; Platelet-derived growth factor receptor beta; platelet derived growth factor receptor; beta polypeptide; PDGFRbeta recombinant antibody

PRODUCT SPECIFICATIONS

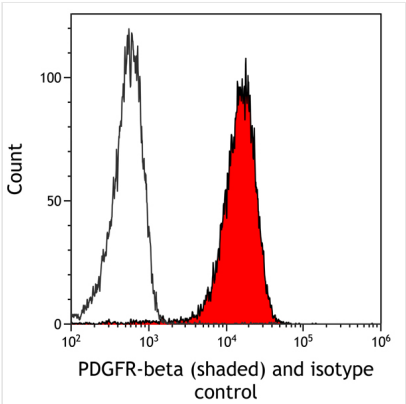
Host	Rabbit
Reactivity	Mouse
Clonality	Monoclonal
Clone Number	BLR242L
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.09% Sodium Azide, BSA-Free
Concentration	1000ug/ml (varies by lot)
Applicable Applications for PDGFRbeta recombinant antibody	FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Residues 32-530 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



WB (Western Blot)
Detection of mouse PDGFR beta by western blot. Samples: Whole cell lysate (10 ug) from A20, NIH 3T3, C6, C2C12, and CH27 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-PDGFR beta recombinant monoclonal antibody (AAA213658 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 10 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal antibody .



ICC (Immunocytochemistry)
Detection of mouse PDGFR beta by immunocytochemistry. Sample: FFPE section of mouse C2C12 cells. Antibody: Rabbit anti-PDGFR beta recombinant monoclonal antibody (AAA213658 lot 1) used for IP at 6 ul/mg lysate. PDGFR beta was also immunoprecipitated by a second antibody against a different epitope of PDGFR beta (Antibody 2). For blotting immunoprecipitated PDGFR beta, AAA213658 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.



FCM/FACS (Flow Cytometry)
Detection of mouse PDGFR beta (shaded) in NIH3T3 cells by flow cytometry. Antibody: Rabbit anti-PDGFR beta recombinant monoclonal antibody (AAA213658) or isotype control (unshaded). Secondary: DyLight 650-conjugated goat anti-rabbit IgG .

ADDITIONAL INFORMATION

Related Product Information for PDGFRbeta recombinant antibody	Platelet derived growth factor receptor beta is a cell surface tyrosine kinase receptor for homodimeric PDGFB and PDGFD and for heterodimers formed by PDGFA and PDGFB. These growth factors are members of the platelet-derived growth factor family and are mitogens for cells of mesenchymal origin. PDGFR beta is essential for normal development of the cardiovascular system and aids in rearrangement of the actin cytoskeleton. [taken from NCBI Entrez Gene (Gene ID: 5159)].
Product Categories/Family for PDGFRbeta recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5031703
NCBI GeneID	10146
NCBI Accession #	NP_005745.1
NCBI GenBank Nucleotide #	NM_005754.2
UniProt Accession #	P05622; Q13283

Molecular Weight	52,164 Da
NCBI Official Full Name	ras GTPase-activating protein-binding protein 1
NCBI Official Synonym Full Names	GTPase activating protein (SH3 domain) binding protein 1
NCBI Official Symbol	G3BP1
NCBI Official Synonym Symbols	G3BP; HDH-VIII
NCBI Protein Information	ras GTPase-activating protein-binding protein 1; G3BP-1; GAP binding protein; ATP-dependent DNA helicase VIII; GAP SH3 domain-binding protein 1; RasGAP-associated endoribonuclease G3BP; Ras-GTPase-activating protein SH3-domain-binding protein
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/pdgfr-beta-recombinant-antibody-clone-blr242l-flow-cytometry-immunocytochemistry-immunoprecipitation-western-blot-elisa/213658>