

PDGFR beta Recombinant Antibody | PDGFRbeta recombinant antibody

Rabbit anti-PDGFR beta Recombinant Monoclonal Antibody [BLR081G]

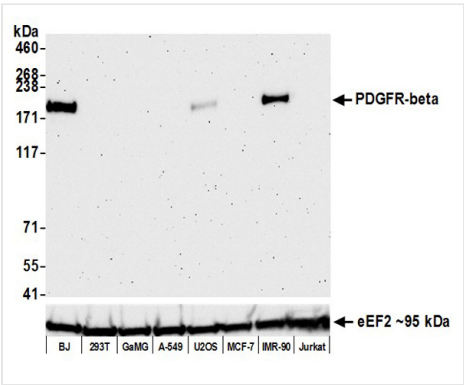
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213565	Rabbit	Human	Flow Cytometry, Functional Assay, Immunocytochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PDGFR beta; Monoclonal Recombinant Antibody; Rabbit anti-PDGFR beta Recombinant Monoclonal Antibody [BLR081G]; CD140B; platelet-derived growth factor receptor 1; PENTT; PDGFR-beta; PDGF-R-beta; PDGFR-1; PDGFR1; PDGFR; NDEL1-PDGFRB; KOGS; JTK12; IBGC4; CD140 antigen-like family member B; CD antigen CD140b; beta-type platelet-derived growth factor receptor; Beta platelet-derived growth factor receptor; Activated tyrosine kinase PDGFRB; platelet-derived growth factor receptor; beta polypeptide; IMF1; platelet-derived growth factor receptor beta; Platelet-derived growth factor receptor beta; platelet derived growth factor receptor beta; PDGFRbeta recombinant antibody

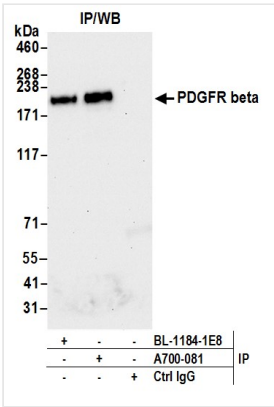
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR081G
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 33-532 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



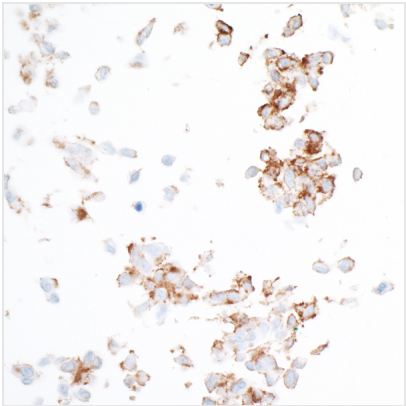
WB (Western Blot)

Detection of human PDGFR beta by western blot. Samples: Whole cell lysate (50 ug) from BJ, HEK293T, GaMG, A-549, U2OS, MCF-7, IMR-90, and Jurkat cells prepared using NETN lysis buffer. Antibody: Rabbit anti-PDGFR beta recombinant monoclonal antibody (AAA213565 lot 1) used at 1:1000. Secondary: HRP-conjugated goat anti-rabbit IgG . Detection: Chemiluminescence with an exposure time of 3 minutes. Lower Panel: Rabbit anti-eEF2 .



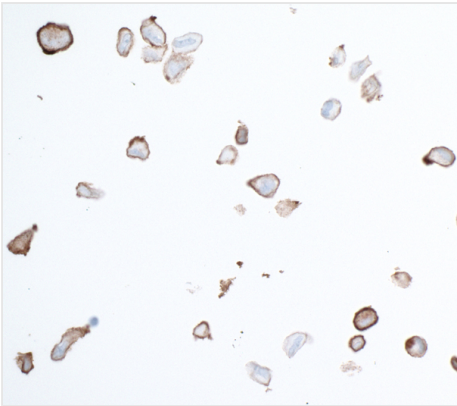
IP (Immunoprecipitation)

Detection of human PDGFR beta by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from BJ cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-PDGFR beta recombinant monoclonal antibody (AAA213565 lot 1) used for IP at 6 ul per reaction. PDGFR beta was also immunoprecipitated by rabbit anti-PDGFR beta recombinant monoclonal antibody [BL-1184-1E8]. For blotting immunoprecipitated PDGFR beta, AAA213565 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 10 seconds.



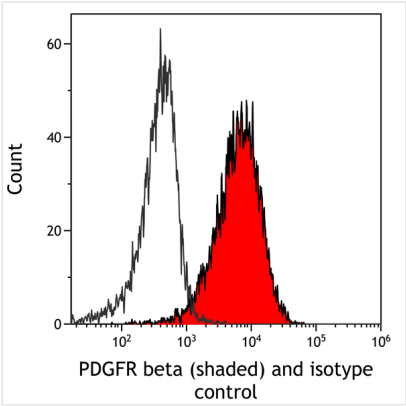
ICC (Immunocytochemistry)

Detection of human PDGFR beta in FFPE OVCAR-8 cells by ICC. Antibody: Rabbit anti-PDGFR beta recombinant monoclonal antibody (AAA213565 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



ICC (Immunocytochemistry)

Detection of human PDGFR beta in FFPE A-172 cells by ICC. Antibody: Rabbit anti-PDGFR beta recombinant monoclonal antibody (AAA213565 lot 1). Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



FCM/FACS (Flow Cytometry)

Detection of human PDGFR beta (shaded) in OVCAR8 cells by flow cytometry. Antibody: Rabbit anti-PDGFR beta recombinant monoclonal antibody (AAA213565) 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 #	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/pdgfr-beta-recombinant-antibody-clone-blr081g-flow-cytometry-immunocytochemistry-immunoprecipitation-western-blot-elisa/213565>