

PDGFR alpha Recombinant Antibody | PDGFRalpha recombinant antibody

Rabbit anti-PDGFR alpha Recombinant Monoclonal Antibody [BLR078G]

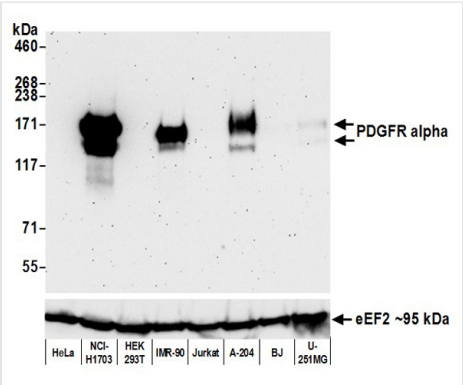
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213564	Rabbit	Human	Immunocytochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

PDGFR alpha; Monoclonal Recombinant Antibody; Rabbit anti-PDGFR alpha Recombinant Monoclonal Antibody [BLR078G]; platelet-derived growth factor receptor alpha; PDGFR-2; platelet-derived growth factor receptor 2; Platelet-derived growth factor alpha receptor; PDGFR-alpha; PDGF-R-alpha; platelet-derived growth factor receptor; alpha polypeptide; CD140a antigen; CD140A; CD140 antigen-like family member A; CD antigen CD140a; alpha-type platelet-derived growth factor receptor; Alpha platelet-derived growth factor receptor; PDGFR2; Platelet-derived growth factor receptor alpha; platelet derived growth factor receptor alpha; PDGFRalpha recombinant antibody

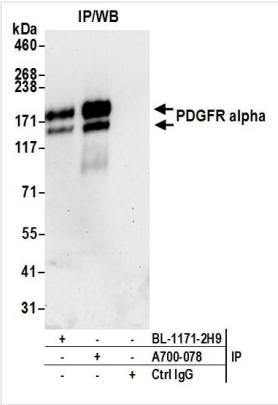
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	BLR078G
Purity/Purification	Purified
Form/Format	Liquid. Whole IgG. Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for PDGFRalpha recombinant antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Residues 24-525 (ECD)
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt



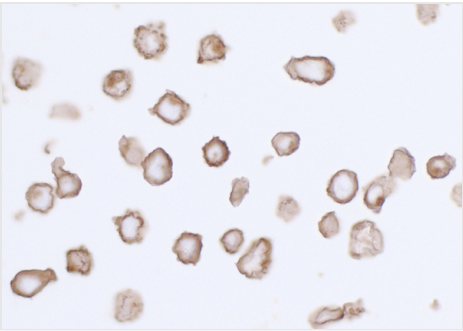
WB (Western Blot)

Detection of human PDGFR alpha by western blot. Samples: Whole cell lysate (50 ug) from HeLa, NCI-H1703, HEK293T, IMR-90, Jurkat, A-204, BJ, and U-251MG cells prepared using NETN lysis buffer. Antibody: Rabbit anti-PDGFR alpha recombinant monoclonal antibody (AAA213564 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 .



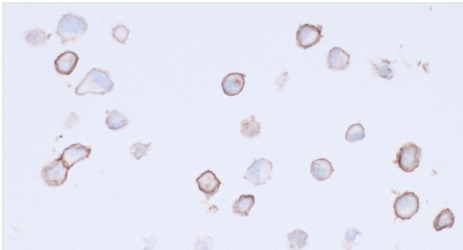
IP (Immunoprecipitation)

Detection of human PDGFR alpha by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from NCI-H1703 cells prepared using NETN lysis buffer. Antibodies: Rabbit anti-PDGFR alpha recombinant monoclonal antibody (AAA213564 lot 1) used for IP at 20 ul/mg lysate. PDGFR alpha was also immunoprecipitated by rabbit anti-PDGFR alpha recombinant monoclonal antibody [BL-1171-2H9]. For blotting immunoprecipitated PDGFR alpha, AAA213564 was used at 1:1000. Detection: Chemiluminescence with an exposure time of 30 seconds.



ICC (Immunocytochemistry)

Detection of human PDGFR alpha by immunocytochemistry. Sample: FFPE section of NCI-H1703 cells. Antibody: Rabbit anti-PDGFR alpha recombinant monoclonal antibody (AAA213564 lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.



ICC (Immunocytochemistry)

Detection of human PDGFR alpha by immunocytochemistry. Sample: FFPE section of A-204 cells. Antibody: Rabbit anti-PDGFR alpha recombinant monoclonal antibody (AAA213564 lot 1) used at 1:250. Secondary: HRP-conjugated goat anti-rabbit IgG . Substrate: DAB.

ADDITIONAL INFORMATION

Related Product Information for PDGFRalpha recombinant antibody	Platelet derived growth factor receptor alpha is a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both PDGFR alpha and beta polypeptides. PDGFR alpha plays a role in organ development, wound healing, and tumor progression [taken from NCBI Entrez Gene (Gene ID: 5156)].
Product Categories/Family for PDGFRalpha recombinant antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453870
NCBI GeneID	5156
NCBI Accession #	NP_006197.1
NCBI GenBank Nucleotide #	NM_006206.4
UniProt Accession #	P16234; Q6P4H5; Q96KZ7; Q9UD28; B2RE69; E9PBH0

Molecular Weight	122,670 Da
NCBI Official Full Name	platelet-derived growth factor receptor alpha
NCBI Official Synonym Full Names	platelet-derived growth factor receptor, alpha polypeptide
NCBI Official Symbol	PDGFRA
NCBI Official Synonym Symbols	CD140A; PDGFR2; PDGFR-2; RHEPDGFRA
NCBI Protein Information	platelet-derived growth factor receptor alpha; PDGF-R-alpha; CD140a antigen; PDGFRA/BCR fusion; CD140 antigen-like family member A; platelet-derived growth factor receptor 2; alpha-type platelet-derived growth factor receptor; rearranged-in-hypereosinophi
UniProt Protein Name	Platelet-derived growth factor receptor alpha
UniProt Gene Name	PDGFRA
UniProt Synonym Gene Names	PDGFR2; RHEPDGFRA; PDGF-R-alpha; PDGFR-alpha; PDGFR-2
UniProt Entry Name	PGFRA_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-alpha-recombinant-antibody-clone-blr078g-immunocytochemistry-immunoprecipitation-western-blot-elisa/213564>