

Mouse anti-Human PDGFRB Monoclonal Antibody | anti-PDGFRB antibody

Anti-PDGFRB Antibody (FITC), Mouse Monoclonal

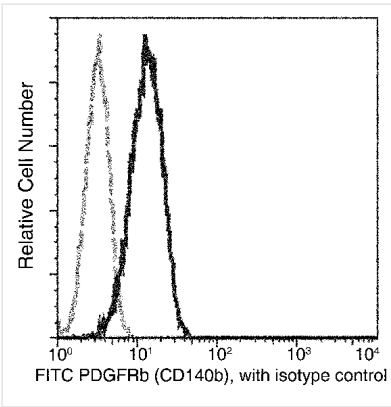
CATALOG # AAA254981	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

PDGFRB; Monoclonal Antibody; Anti-PDGFRB Antibody (FITC); Mouse Monoclonal; PDGFRB/CD140b Antibody (FITC); Mouse MAb; platelet-derived growth factor receptor; beta polypeptide; Anti-CD140B Antibody; Anti-IBGC4 Antibody; Anti-IMF1 Antibody; Anti-JTK12 Antibody; Anti-KOGS Antibody; Anti-PDGFR Antibody; Anti-PDGFR-1 Antibody; Anti-PDGFR1 Antibody; Anti-PENTT Antibody; anti-PDGFRB antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	11
Specificity	Human PDGFRB/CD140b
Form/Format	PBS solution containing 0.5 % BSA and 0.09% sodium azide
Concentration	5ul/Test, 0.1mg/ml (varies by lot)
Applicable Applications for anti-PDGFRB antibody	FCM/FACS (Flow Cytometry)
Immunogen	Recombinant Human PDGFRB/CD140b Protein
Conjugation	FITC
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human PDGFRB/CD140b (rh PDGFRB/CD140b) and conjugated with FITC under optimum conditions, the unreacted FITC was removed.
Preparation and Storage	This antibody can be stored at 2-8°C for twelve months without detectable loss of activity. Protected from prolonged exposure to light. Do not freeze! Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of Human PDGFRbeta (CD140b) expression on MG63 cells. Cells were stained with FITC-conjugated anti-Human PDGFRbeta (CD140b). The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PDGFRB antibody	Cancer Drug Targets Receptor Tyrosine Kinases (RTKs)
References	Zola H, et al. (2007) CD molecules 2006-human cell differentiation molecules. J Immunol Methods. 318 (1-2): 1-5. Ho IC, et al. (2009) GATA3 and the T-cell lineage: essential functions before and after T-helper-2-cell differentiation. Nat Rev Immunol. 9 (2): 125-35. Matesanz-Isabel J, et al. (2011) New B-cell CD molecules. Immunology Letters.134 (2): 104-12. Suzuki S, et al. (2010) Clinicopathological significance of platelet-derived growth factor (PDGF)-B and vascular endothelial growth factor-A expression, PDGF receptor-phosphorylation, and microvessel density in gastric cancer. BMC cancer. 10: 659.

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
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/monoclonal/pdgfrb-antibody-clone-11-flow-cytometry-elisa/254981>