PDGF Receptor beta Conjugated Antibody

Catalog No: #C48234

Package Size: #C48234-AF350 100ul #C48234-AF405 100ul #C48234-AF488 100ul #C48234-AF555 100ul #C48234-AF594 100ul #C48234-AF647 100ul #C48234-AF680 100ul #C48234-AF750 100ul #C48234-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PDGF Receptor beta Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Peptide
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	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
Accession No.	Swiss-Prot#:P09619
Uniprot	P09619
GeneID	5159;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	175 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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-α and -β, which are endowed with protein tyrosine kinase domains. PDGFR-α can bind to both A and B subunits of PDGF, while PDGFR- PDGF-AA induces the dimerization of αα and αβ and PDGF-BB induces the formation of three types of PDGF-AB induces dimerization of αα and αβ and PDGF-BB induces the formation of three types A dimlist, αα, αβ and ββ. Translocation of the PDGFR-β gene with the Tel gene is linked to chronic myelomonocytic leukemia (CMML), a myelodysplastic syndrome, and demonstrate the oncogenic potential of the PDGF receptors.

Note: This product is for in vitro research use only