



# Anti-PDGFRB (aa 750-850) polyclonal antibody (DPABH-24821)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	Receptor that binds specifically to PDGFB and PDGFD and has a tyrosine-protein kinase activity. Phosphorylates Tyr residues at the C-terminus of PTPN11 creating a binding site for the SH2 domain of GRB2.
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 750 - 850 of Human PDGF Receptor beta.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, ICC/IF, WB
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	pH: 7.40; Constituent: PBS
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

# GENE INFORMATION

Gene Name	<a href="#">PDGFRB platelet-derived growth factor receptor, beta polypeptide [ Homo sapiens ]</a>
Official Symbol	PDGFRB
Synonyms	PDGFRB; platelet-derived growth factor receptor, beta polypeptide; IMF1; IBGC4; JTK12; PDGFR; CD140B; PDGFR1; PDGFR-1; 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;
Entrez Gene ID	<a href="#">5159</a>
Protein Refseq	<a href="#">NP_002600.1</a>
UniProt ID	<a href="#">P09619</a>
Pathway	Adaptive Immune System; Calcium signaling pathway; Cytokine-cytokine receptor interaction; DAP12 interactions
Function	ATP binding; phosphatidylinositol 3-kinase binding; platelet activating factor receptor activity; platelet-derived growth factor beta-receptor activity