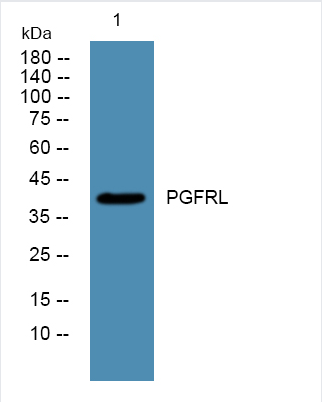
PGFRL Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PGFRL, Polyclonal Antibody
Full Product Name	PGFRL Rabbit Polyclonal Antibody
Product Gene Name	anti-PGFRL antibody
Product Synonym Gene Name	PDGFRL, PRLTS
Product Synonym Names	BH6842; Platelet-derived growth factor receptor-like protein (PDGFR-like protein)(PDGF receptor beta-like tumor suppressor)
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Form/Format	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration	1mg/ml (lot specific)
Specificity	PGFRL Polyclonal Antibody detects endogenous levels of protein.
Preparation and Storage	Store at -20 degree C/1 year
Molecular Weight	41,861 Da
Chromosome Location	Chromosome: 8; NC_000008.10 (17433942..17500642). Location: 8p22-p21.3
OMIM	114500
3D Structure	ModBase 3D Structure for Q15198
Immunogen	Synthesized peptide derived from human protein. at AA range: 50-130
Modification	Unmodified/Total
Applications Tested/Suitable for anti-PGFRL antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-PGFRL antibody	WB: 1:500-2000 ELISA: 1:5000-20000
Related Product Information for anti-PGFRL antibody	This gene encodes a protein with significant sequence similarity to the ligand binding domain of platelet-derived growth factor receptor beta. Mutations in this gene, or deletion of a chromosomal segment containing this gene, are associated with sporadic hepatocellular carcinomas, colorectal cancers, and non-small cell lung cancers. This suggests this gene product may function as a tumor suppressor. [provided by RefSeq, Jul 2008]
Other Notes	Small volumes of anti-PGFRL antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for PGFRL purchase	MBS9516228 is an antibody targeting PGFRL. Also known as PGFRL Rabbit Polyclonal Antibody. Reactive in Human, Mouse, Rat. Host: Rabbit.



Western Blot (WB) of anti-PGFRL antibody
Western blot analysis of lysates from SH-SY5Y cells, primary antibody was diluted at 1:1000, 4 degree over night

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PGFRL. It may not necessarily be applicable to this product.

NCBI GI #	5453872
NCBI GeneID	5157
NCBI Accession #	NP_006198.1
UniProt Primary Accession #	Q15198
UniProt Secondary Accession #	Q6FH04; A8K085
UniProt Related Accession #	Q15198
GenBank Nucleotide #	NM_006207.2
NCBI Official Full Name	platelet-derived growth factor receptor-like protein
NCBI Official Synonym Full Names	platelet-derived growth factor receptor-like
NCBI Official Symbol	PDGFRL
NCBI Official Synonym Symbols	PDGRL; PRLTS
UniProt Protein Name	Platelet-derived growth factor receptor-like protein
UniProt Synonym Protein Names	PDGF receptor beta-like tumor suppressor
UniProt Gene Name	PDGFRL
UniProt Synonym Gene Names	PRLTS; PDGFR-like protein
UniProt Entry Name	PGFRL_HUMAN
NCBI Protein Information	platelet-derived growth factor receptor-like protein; PDGFR-like protein; PDGF receptor beta-like tumor suppressor; platelet-derived growth factor-beta-like tumor suppressor

UniProt Comments for PGFRL	PDGFRL: Defects in PDGFRL are associated with colorectal cancer (CRC). Protein type: Secreted; Receptor, misc.; Secreted, signal peptide Chromosomal Location of Human Ortholog: 8p22-p21.3 Cellular Component: extracellular region Molecular Function: platelet activating factor receptor activity; platelet-derived growth factor beta-receptor activity Biological Process: G-protein coupled receptor protein signaling pathway Disease: Hepatocellular Carcinoma
Research Articles on PGFRL	**1.** Results indicate that PDGFRL functions as a tumor suppressor, inhibiting the growth of colorectal cancer cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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