PGLS Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	PGLS, Polyclonal Antibody
Full Product Name	PGLS (C-Term) Rabbit pAb
Product Gene Name	anti-PGLS antibody
Product Synonym Names	6-phosphogluconolactonase; 6PGL; PGLS
Clonality	Polyclonal
Isotype	Ig
Clone Number	RB20881
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied in PBS with 0.09% (W/V) Sodium Azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Purity/Purification	Affinity Purified
OMIM	604951
3D Structure	ModBase 3D Structure for O95336
Immunogen	This PGLS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 191-220 amino acids from the C-terminal region of human PGLS.
Cellular Localization	Cytoplasm
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-PGLS antibody	Western Blot (WB), Immunohistochemistry (IHC), Flow Cytometry (FC/FACS)
Application Notes for anti-PGLS antibody	WB: 1:1000 IHC: 1:50-100 FC/FACS: 1:10-50
Related Product Information for anti-PGLS antibody	MBS8553954 is an antibody targeting PGLS. Also known as PGLS (C-Term) Rabbit pAb. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-PGLS 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.

ADDITIONAL DETAILS

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

NCBI GI #	6912586
NCBI GeneID	25796
NCBI Accession #	NP_036220.1
UniProt Primary Accession #	O95336

UniProt Related Accession #	O95336
GenBank Nucleotide #	NP_036220.1
NCBI Official Full Name	6-phosphogluconolactonase
NCBI Official Synonym Full Names	6-phosphogluconolactonase
NCBI Official Symbol	PGLS
NCBI Official Synonym Symbols	6PGL; HEL-S-304
UniProt Protein Name	6-phosphogluconolactonase
UniProt Gene Name	PGLS
UniProt Synonym Gene Names	6PGL
UniProt Entry Name	6PGL_HUMAN
NCBI Protein Information	6-phosphogluconolactonase
UniProt Comments for PGLS	PGLS: Hydrolysis of 6-phosphogluconolactone to 6- phosphogluconate. Belongs to the glucosamine/galactosamine-6-phosphate isomerase family. 6-phosphogluconolactonase subfamily. Protein type: Carbohydrate Metabolism - pentose phosphate pathway; Hydrolase; EC 3.1.1.31 Chromosomal Location of Human Ortholog: 19p13.2 Cellular Component: cytosol Molecular Function: monosaccharide binding; 6-phosphogluconolactonase activity Biological Process: pentose-phosphate shunt; carbohydrate metabolic process; pentose-phosphate shunt, oxidative branch; pathogenesis
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