

Human PIGY blocking peptide (CDBP2300)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-PIG-Y antibody
Antigen Description	The protein encoded by this gene is part of the GPI-N-acetylglucosaminyltransferase (GIP-GnT) complex which initiates the biosynthesis of glycosylphosphatidylinositol (GPI). GPI is synthesized in the endoplasmic reticulum and serves as an anchor for many surface proteins. Proteins containing GPI anchors can have an important role in cell-cell interactions. The transcript for this gene is bicistronic. The downstream open reading frame encodes this GPI-GnT complex protein, while the upstream open reading frame encodes a protein with unknown function, as represented by GeneID:100996939. [provided by RefSeq, Aug 2012]
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human
Conjugate	Unconjugated
Applications	BL
Procedure	None
Format	Liquid
Concentration	200 μg/ml
Size	50 μg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide

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Storage	Store at -20℃, stable for one year.

ANTIGEN GENE INFORMATION

Gene Name	PIGY phosphatidylinositol glycan anchor biosynthesis, class Y [Homo sapiens]
Official Symbol	PIGY
Synonyms	PIGY; phosphatidylinositol glycan anchor biosynthesis, class Y; phosphatidylinositol glycan, class Y; protein preY, mitochondrial; MGC14156; phosphatidylinositol-glycan biosynthesis class Y protein; phosphatidylinositol N-acetylglucosaminyltransferase subunit Y; PREY; PIG-Y;
Entrez Gene ID	84992
mRNA Refseq	NM_001042616
Protein Refseq	NP_001036081
UniProt ID	Q3MUY2
Chromosome Location	4q22.1
Pathway	Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, organism-specific biosystem; Glycosylphosphatidylinositol(GPI)-anchor biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	protein binding;

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