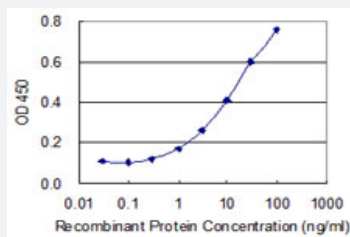


PIGC monoclonal antibody (M01), clone 1G2

Catalog # H00005279-M01

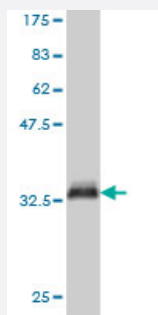
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PIGC is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (31.68 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PIGC.
Immunogen	PIGC (NP_002633, 1 a.a. ~ 54 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MYAQPVTNTKEVKWQKVLIERQFPDNYVDRRFLEELRKNIHARKYQYWAVVFE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (87)

Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (31.68 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PIGC is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PIGC

Entrez GeneID	5279
GeneBank Accession#	NM_002642
Protein Accession#	NP_002633
Gene Name	PIGC
Gene Alias	GPI2, MGC2049
Gene Description	phosphatidylinositol glycan anchor biosynthesis, class C
Omim ID	601730
Gene Ontology	Hyperlink

Gene Summary

This gene encodes an endoplasmic reticulum associated protein that is involved in glycosylphosphatidylinositol (GPI) lipid anchor biosynthesis. The GPI lipid anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. The encoded protein is one subunit of the GPI N-acetylglucosaminyl (GlcNAc) transferase that transfers GlcNAc to phosphatidylinositol (PI) on the cytoplasmic side of the endoplasmic reticulum. Two alternatively spliced transcripts that encode the same protein have been found for this gene. A pseudogene on chromosome 11 has also been characterized. [provided by RefSeq]

Other Designations

OTTHUMP00000032652|OTTHUMP00000032653|phosphatidylinositol glycan, class C|phosphatidylinositol-glycan biosynthesis, class C protein

Pathway

- [Glycosylphosphatidylinositol\(GPI\)-anchor biosynthesis](#)
- [Metabolic pathways](#)