

PIGB monoclonal antibody (M02), clone 2G7

Catalog # H00009488-M02

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PIGB.
Immunogen	PIGB (NP_004846, 80 a.a. ~ 172 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TSFVPDEYWQSLEVSHHMFNYGYLTWEWTERLRSYTYPLIFASIMKILHLLGKDSVQLLIWIPRLAQ ALLSAVADVRLYSLMKQLENQEVAR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (93)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- ELISA

Gene Info — PIGB

Entrez GeneID	9488
GeneBank Accession#	NM_004855

Protein Accession#	NP_004846
Gene Name	PIGB
Gene Alias	MGC21236
Gene Description	phosphatidylinositol glycan anchor biosynthesis, class B
Omim ID	604122
Gene Ontology	Hyperlink
Gene Summary	<p>This gene encodes a transmembrane protein that is located in the endoplasmic reticulum and is involved in GPI-anchor biosynthesis. The glycosylphosphatidylinositol (GPI) anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This gene is thought to encode a member of a family of dolichol-phosphate-mannose (Dol-P-Man) dependent mannosyltransferases. [provided by RefSeq]</p>
Other Designations	phosphatidylinositol glycan, class B

Pathway

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

Disease

- [Tobacco Use Disorder](#)