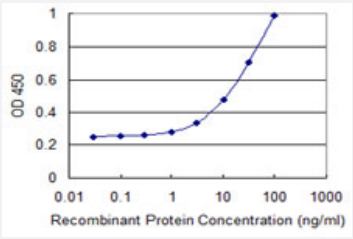
PIGT monoclonal antibody (M01), clone 2A2

Catalog # H00051604-M01 Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PIGT is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant PIGT.
Immunogen	PIGT (NP_057021.2, 24 a.a. ~ 123 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	EPPRDSLREELVITPLPSGDVAATFQFRTRWDSELQREGVSHYRLFPKALGQLISKYSLRELHLSF TQGFWRTRYWGPPFLQAPSGAELWVWFQDTVTDV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
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.

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  Protocol Download

- ELISA

Gene Info — PIGT

Entrez GeneID	51604
GeneBank Accession#	NM_015937
Protein Accession#	NP_057021.2
Gene Name	PIGT
Gene Alias	CGI-06, FLJ41596, MGC8909, NDAP
Gene Description	phosphatidylinositol glycan anchor biosynthesis, class T
Omim ID	610272
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is involved in glycosylphosphatidylinositol (GPI)-anchor biosynthesis. The GPI-anchor is a glycolipid found on many blood cells and serves to anchor proteins to the cell surface. This protein is an essential component of the multisubunit enzyme, GPI transamidase. GPI transamidase mediates GPI anchoring in the endoplasmic reticulum, by catalyzing the transfer of fully assembled GPI units to proteins. [provided by RefSeq
Other Designations	GPI transamidase component PIG-T|GPI transamidase subunit|neurotrophin-regulated neuronal development-associated protein|phosphatidyl inositol glycan class T|phosphatidylinositol glycan, class T

Pathway

- Glycosylphosphatidylinositol(GPI)-anchor biosynthesis
- Metabolic pathways