

PIGL Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a partial recombinant PIGL.****Catalog # AT3306a****Specification**

PIGL Antibody (monoclonal) (M01) - Product Information

Application	E
Primary Accession	O9Y2B2
Other Accession	NM_004278
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2b Kappa
Calculated MW	28531

PIGL Antibody (monoclonal) (M01) - Additional Information**Gene ID** 9487**Other Names**

N-acetylglucosaminyl-phosphatidylinositol de-N-acetylase, Phosphatidylinositol-glycan biosynthesis class L protein, PIG-L, PIGL

Target/Specificity

PIGL (NP_004269, 153 a.a. ~ 252 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution

E~~N/A

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

PIGL Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

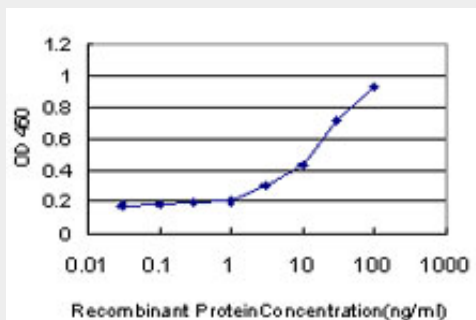
PIGL Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PIGL Antibody (monoclonal) (M01) - Images



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

PIGL Antibody (monoclonal) (M01) - Background

This gene encodes an enzyme that catalyzes the second step of glycosylphosphatidylinositol (GPI) biosynthesis, which is the de-N-acetylation of N-acetylglucosaminylphosphatidylinositol (GlcNAc-PI). Study of a similar rat enzyme suggests that this protein localizes to the endoplasmic reticulum.

PIGL Antibody (monoclonal) (M01) - References

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334. Subcellular localization and targeting of N-acetylglucosaminyl phosphatidylinositol de-N-acetylase, the second enzyme in the glycosylphosphatidylinositol biosynthetic pathway. Pottekat A, et al. J Biol Chem, 2004 Apr 16. PMID 14742432. Complete sequencing and characterization of 21,243 full-length human cDNAs. Ota T, et al. Nat Genet, 2004 Jan. PMID 14702039. Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932. Dissecting and manipulating the pathway for glycosylphosphatidylinositol-anchor biosynthesis. Kinoshita T, et al. Curr Opin Chem Biol, 2000 Dec. PMID 11102867.