

PIGM rabbit monoclonal antibody

Catalog # H00093183-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PIGM peptide using ARM Technology.
Immunogen	A synthetic peptide of human PIGM is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PIGM peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — PIGM

Entrez GeneID [93183](#)

GeneBank Accession# [PIGM](#)

Gene Name PIGM

Gene Alias GPI-MT-I, MGC29896

Gene Description phosphatidylinositol glycan anchor biosynthesis, class M

Omim ID [610273](#) [610293](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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 which contains three mannose molecules in its core backbone. The GPI-anchor is found on many blood cells and serves to anchor proteins to the cell surface. This gene encodes a mannosyltransferase, GPI-MT-I, that transfers the first mannose to GPI on the luminal side of the endoplasmic reticulum. [provided by RefSeq]

Other Designations OTTHUMP00000025755|PIG-M mannosyltransferase|phosphatidylinositol glycan, class M

Pathway

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