GMPPB rabbit monoclonal antibody

Catalog # H00029925-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GMPPB peptide using ARM Technology.
Immunogen	A synthetic peptide of human GMPPB 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 GMPPB 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 — GMPPB

Entrez GeneID	29925
GeneBank Accession#	GMPPB
Gene Name	GMPPB
Gene Alias	KIAA1851
Gene Description	GDP-mannose pyrophosphorylase B
Gene Ontology	Hyperlink
Gene Summary	This gene is thought to encode a GDP-mannose pyrophosphorylase. The encoded protein catalyzes the conversion of mannose-1-phosphate and GTP to GDP-mannose, a reaction involved in the production of N-linked oligosaccharides. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq
Other Designations	mannose-1-phosphate guanylyltransferase

Pathway

- Amino sugar and nucleotide sugar metabolism
- Fructose and mannose metabolism
- Metabolic pathways

Disease

- Crohn Disease
- Genetic Predisposition to Disease