ALG1 rabbit monoclonal antibody

Catalog # H00056052-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ALG1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ALG1 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 ALG1 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 — ALG1

Entrez GeneID	56052
GeneBank Accession#	ALG1
Gene Name	ALG1
Gene Alias	HMAT1, HMT-1, HMT1
Gene Description	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cerevisiae)
Omim ID	605907 608540
Gene Ontology	Hyperlink
Gene Summary	The enzyme encoded by this gene catalyzes the first mannosylation step in the biosynthesis of lipid-linked oligosaccharides. This gene is mutated in congenital disorder of glycosylation type Ik. [provided by RefSeq
Other Designations	GDP-Man:GlcNAc2-PP-dolichol mannosyltransferase|GDP-mannose-dolichol diphosphochitobiose mannosyltransferase|asparagine-linked glycosylation 1 homolog (yeast, beta-1,4-mannosyltransferase)|beta-1,4 mannosyltransferase|beta-1,4-mannosyltransferase|chitobio

Pathway

- Metabolic pathways
- N-Glycan biosynthesis

Disease

- Tobacco Use Disorder