ALG12 rabbit monoclonal antibody

Catalog # H00079087-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ALG12 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ALG12 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 ALG12 peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — ALG12

Entrez GeneID	79087
GeneBank Accession#	ALG12
Gene Name	ALG12
Gene Alias	ECM39, MGC111358, MGC3136, PP14673, hALG12
Gene Description	asparagine-linked glycosylation 12, alpha-1,6-mannosyltransferase homolog (S. cerevisiae)
Omim ID	607143 607144
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the glycosyltransferase 22 family. The encoded protein catalyzes the addition of the eighth mannose residue in an alpha-1,6 linkage onto the dolichol-PP-oligosaccharide precursor (dolichol-PP-Man(7)GlcNAc(2)) required for protein glycosylation. Mutations in this gene have been associated with congenital disorder of glycosylation type Ig (CDG-Ig)characterized by abnormal N-glycosylation. [provided by RefSeq
Other Designations	alpha-1,6-mannosyltransferase ALG12|asparagine-linked glycosylation 12 homolog (S. cerevisiae, alpha-1,6-mannosyltransferase)|asparagine-linked glycosylation 12 homolog (yeast, alpha-1,6-mannosyltransferase)|dolichyl-P-mannose:Man-7-GlcNAc-2-PP-dolichyl-a

Pathway

- Metabolic pathways
- N-Glycan biosynthesis