LARGE rabbit monoclonal antibody

Catalog # H00009215-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	9215
GeneBank Accession#	LARGE
Gene Name	LARGE
Gene Alias	KIAA0609, MDC1D
Gene Description	like-glycosyltransferase
Omim ID	603590 608840
Gene Ontology	Hyperlink
Gene Summary	This gene, which is one of the largest in the human genome, encodes a member of the N-acetylglucosaminyltransferase gene family. It encodes a glycosyltransferase which participates in glycosylation of alpha-dystroglycan, and may carry out the synthesis of glycoprotein and glycosphingolipid sugar chains. It may also be involved in the addition of a repeated disaccharide unit. Mutations in this gene cause MDC1D, a novel form of congenital muscular dystrophy with severe mental retardation and abnormal glycosylation of alpha-dystroglycan. Alternative splicing of this gene results in two transcript variants that encode the same protein. [provided by RefSeq
Other Designations	OTTHUMP00000028624|acetylglucosaminyltransferase-like 1A|acetylglucosaminyltransferase-like protein

Disease

- Genetic Predisposition to Disease
- Kidney Failure
- Muscular Dystrophies
- Tobacco Use Disorder