GLYCTK rabbit monoclonal antibody

Catalog # H00132158-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	132158
GeneBank Accession#	GLYCTK
Gene Name	GLYCTK
Gene Alias	GLYCTK1, HBEBP2, HBEBP4, HBeAgBP4A
Gene Description	glycerate kinase
Omim ID	610516
Gene Ontology	Hyperlink
Gene Summary	This locus encodes a member of the glycerate kinase type-2 family. The encoded enzyme catalyzes the phosphorylation of (R)-glycerate and may be involved in serine degradation and fructose metabolism. Decreased activity of the encoded enzyme may be associated with the disease D-glyceric aciduria. Alternatively spliced transcript variants have been described. [provided by RefSeq
Other Designations	CG9886-like|HBeAg binding protein 4|HBeAg-binding protein 2

Pathway

- Glycerolipid metabolism
- Glycine
- Glyoxylate and dicarboxylate metabolism
- Metabolic pathways