

GGT5 rabbit monoclonal antibody

Catalog # H00002687-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GGT5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GGT5 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 GGT5 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 — GGT5

Entrez GeneID	2687
GeneBank Accession#	GGT5
Gene Name	GGT5
Gene Alias	DKFZp566O011, FLJ92733, GGT-REL, GGTLA1
Gene Description	gamma-glutamyltransferase 5
Omim ID	137168
Gene Ontology	Hyperlink
Gene Summary	<p>This gene is a member of a gene family that encodes gamma-glutamyl transpeptidase enzymes. This enzyme consists of a heavy and a light chain, and is able to hydrolyze the gamma-glutamyl moiety of glutathione. It converts leukotriene C4 to leukotriene D4, however, it doesn't convert synthetic substrates that are commonly used to assay gamma-glutamyl transpeptidase. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]</p>
Other Designations	gamma-glutamyl cleaving enzyme gamma-glutamyl transpeptidase-related protein gamma-glutamyltransferase-like activity 1 gamma-glutamyltranspeptidase 5

Pathway

- [Arachidonic acid metabolism](#)
- [Cyanoamino acid metabolism](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)
- [Taurine and hypotaurine metabolism](#)