GFM2 rabbit monoclonal antibody

Catalog # H00084340-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GFM2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GFM2 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 GFM2 peptide by ELISA and mammalian transfected lysate by We stern 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 — GFM2

Entrez GeneID	84340
GeneBank Accession#	GFM2
Gene Name	GFM2
Gene Alias	EFG2, MST027, hEFG2
Gene Description	G elongation factor, mitochondrial 2
Omim ID	606544
Gene Ontology	Hyperlink
Gene Summary	Eukaryotes contain two protein translational systems, one in the cytoplasm and one in the mitocho ndria. Mitochondrial translation is crucial for maintaining mitochondrial function and mutations in th is system lead to a breakdown in the respiratory chain-oxidative phosphorylation system and to i mpaired maintenance of mitochondrial DNA. This gene encodes one of mitochondrial translation elongation factors. Its role in the regulation of normal mitochondrial function and in different diseas e states attributed to mitochondrial dysfunction is not known. Alternative splicing results in at least three transcript variants encoding distinct isoforms. [provided by RefSeq
Other Designations	MSTP027|elongation factor G2|mitochondrial elongation factor G2