

# GMPR rabbit monoclonal antibody

Catalog # H00002766-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human GMPR peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human GMPR is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human GMPR peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — GMPR

Entrez GeneID	<a href="#">2766</a>
GeneBank Accession#	<a href="#">GMPR</a>
Gene Name	GMPR
Gene Alias	GMPR1
Gene Description	guanosine monophosphate reductase
Omim ID	<a href="#">139265</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	Guanosine monophosphate reductase (EC 1.7.1.7) catalyzes the irreversible NADPH-dependent reductive deamination of guanosine monophosphate (GMP) to inosine monophosphate (IMP). G MPR is able to convert guanosine nucleotides to the pivotal precursor of both guanine (G) and adenine (A) nucleotides. It plays an important role in maintaining the intracellular balance of A and G nucleotides.[supplied by OMIM]
Other Designations	OTTHUMP00000016064 guanine monophosphate reductase

## Pathway

- [Purine metabolism](#)

## Disease

- [Coronary Artery Disease](#)