

MGP rabbit monoclonal antibody

Catalog # H00004256-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	4256
GeneBank Accession#	MGP
Gene Name	MGP
Gene Alias	GIG36, MGLAP, NTI
Gene Description	matrix Gla protein
Omim ID	154870 245150
Gene Ontology	Hyperlink
Other Designations	-

Disease

- [Arteriosclerosis](#)
- [Atherosclerosis](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Chorioamnionitis](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [DNA Damage](#)
- [Edema](#)
- [Fetal Membranes](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Calculi](#)

- [Kidney Failure](#)
- [Lead Poisoning](#)
- [Myocardial Infarction](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Pseudoxanthoma Elasticum](#)
- [Tooth Loss](#)
- [Werner syndrome](#)