

Mouse anti-Human MGP / Matrix Gla-Protein Monoclonal Antibody | anti-MGP antibody

Anti-MGP / Matrix Gla-Protein Antibody (clone 11G8) IHC-plus

CATALOG # AAA52569	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

MGP / Matrix Gla-Protein; Monoclonal Antibody; Anti-MGP / Matrix Gla-Protein Antibody (clone 11G8) IHC-plus; Mouse Monoclonal [clone 11G8] (IgG1) to Human MGP / Matrix Gla-Protein; Human MGP / Matrix Gla-Protein; GIG36; Matrix Gla protein; Matrix Gla-Protein; MGLAP; NTI; anti-MGP antibody

PRODUCT SPECIFICATIONS

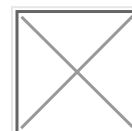
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	11G8
Specificity	Human MGP / Matrix Gla-Protein
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	103
Applicable Applications for anti-MGP antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	MGP / Matrix Gla-Protein antibody was raised against full length human recombinant protein of human MGP (NP_000891) produced in E Coli.
Immunogen Description	Full length human recombinant protein of human MGP (NP_000891) produced in E Coli.
Immunogen Type	Recombinant protein
Target Species	Human
Preparation and Storage	Store at -20 degree C. Minimize freezing and thawing.

IMAGES



WB (Western Blot)

HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MGP (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-MGP.



IHC (Immunohistochemistry)

Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-MGP antibody	MGP Antibody, GIG36 Antibody, Matrix Gla protein Antibody, Matrix Gla-Protein Antibody, MGLAP Antibody, NTI Antibody Antibody Description: Associates with the organic matrix of bone and cartilage. Thought to act as an inhibitor of bone formation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49574514
NCBI GeneID	4256
NCBI Accession #	NP_000891.2
NCBI GenBank Nucleotide #	NM_000900.3
UniProt Accession #	P08493; Q2TU41; Q567P9; Q6ICN5; A0M8W5; B2R519; J3KMX7
Molecular Weight	15,325 Da
NCBI Official Full Name	matrix Gla protein isoform 2
NCBI Official Synonym Full Names	matrix Gla protein
NCBI Official Symbol	MGP
NCBI Official Synonym Symbols	NTI; GIG36; MGLAP
NCBI Protein Information	matrix Gla protein
UniProt Protein Name	Matrix Gla protein
UniProt Gene Name	MGP
UniProt Synonym Gene Names	MGLAP; MGP
UniProt Entry Name	MGP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/mgp-matrix-gla-protein-antibody-clone-11g8-western-blot-immunohistochemistry-elisa/52569>