

Anti-MGP Antibody

Catalog #	Source	Reactivity	Applications
CQA3077	Rabbit	H, M, R	WB, IH
Description	Rabbit polyclonal antibody to MGP		
Immunogen	Recombinant full length protein of human MGP		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of MGP protein.		
Clonality	Polyclonal		
Conjugation			
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/2000), IH (1/50 - 1/200)		
Gene Symbol	MGP		
Alternative Names	MGLAP; Matrix Gla protein; MGP; Cell growth-inhibiting gene 36 protein		
Entrez Gene	4256 (Human); 17313 (Mouse); 25333 (Rat)		
SwissProt	P08493 (Human); P19788 (Mouse); P08494 (Rat)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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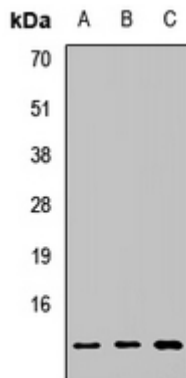
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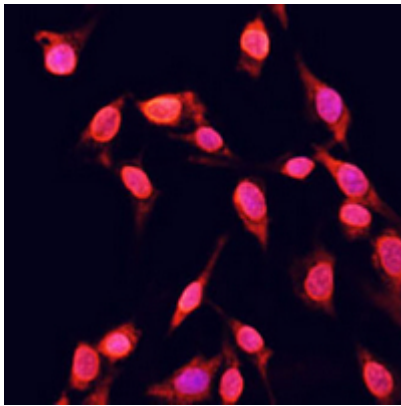
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Product Data Sheet



Western blot analysis of MGP expression in MCF7 (A), mouse lung (B), mouse heart (C) whole cell lysates. (Predicted band size: 12; 15 kD; Observed band size: 12 kD)



Immunohistochemical analysis of MGP staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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