

Catalogue No.

AB10274-200

Qty:

800 µg

Anti-MGP

Source: Goat

General description: Goat polyclonal antibody to MGP. This protein is secreted and likely to act as an inhibitor of bone formation. It is found in the organic matrix of bone and cartilage and defects in the gene are a cause of Keutel syndrome.

Alternative names: GIG36, matrix Gla protein, MGLAP, NTI antibody.

Form: Polyclonal antibody supplied as a 200 µl (4 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 26 aa to the C-terminus of zebra fish MGP produced in E. coli.

Specificity: Detects endogenous levels of MGP protein using 5 days zebrafish embryos lysates.

Reactivity: Reacts with Zebrafish proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA	IEM
Zebrafish	+++	ND	ND	ND	ND	ND

+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:250-1:2,000

Storage: For continuous use, store at 2-8 C for one-two days. For extended storage, store in -20 C freezer. Working dilution samples should be discarded if not used within 12 hours.

Special instructions: The antibody solution should be gently mixed before use..

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.