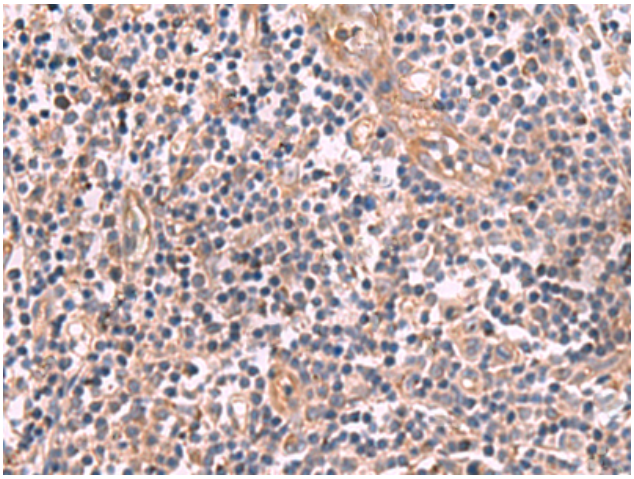
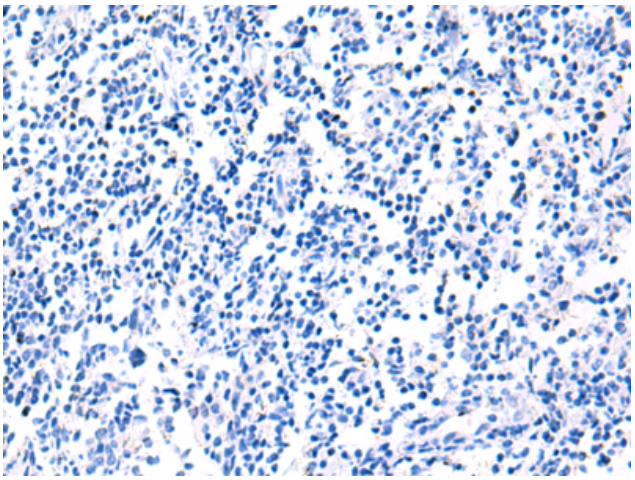
MGP RABBIT PAB

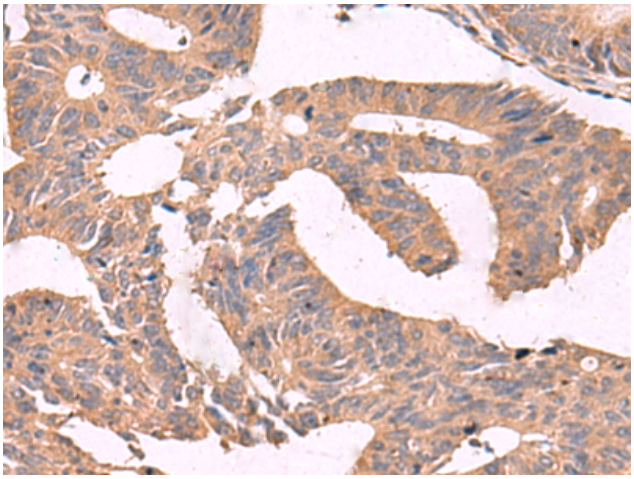
Cat.#: S218792
Product Name: Anti-MGP Rabbit Polyclonal Antibody
Synonyms: NTI; GIG36; MGLAP
UNIPROT ID: P08493 (Gene Accession - BC005272)
Background: This gene encodes a member of the osteocalcin/matrix Gla family of proteins. The encoded vitamin K-dependent protein is secreted by chondrocytes and vascular smooth muscle cells, and functions as a physiological inhibitor of ectopic tissue calcification. Carboxylation status of the encoded protein is associated with calcification of the vasculature in human patients with cardiovascular disease and calcification of the synovial membranes in osteoarthritis patients. Mutations in this gene cause Keutel syndrome in human patients, which is characterized by abnormal cartilage calcification, peripheral pulmonary stenosis and facial hypoplasia.
Immunogen: Fusion protein of human MGP
Applications: ELISA, IHC
Recommended Dilutions: IHC: 70-350; ELISA: 5000-10000
Host Species: Rabbit
Clonality: Rabbit Polyclonal
Isotype: Immunogen-specific rabbit IgG
Purification: Antigen affinity purification
Species Reactivity: Human, Mouse, Rat
Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol
Research Areas: Signal Transduction
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



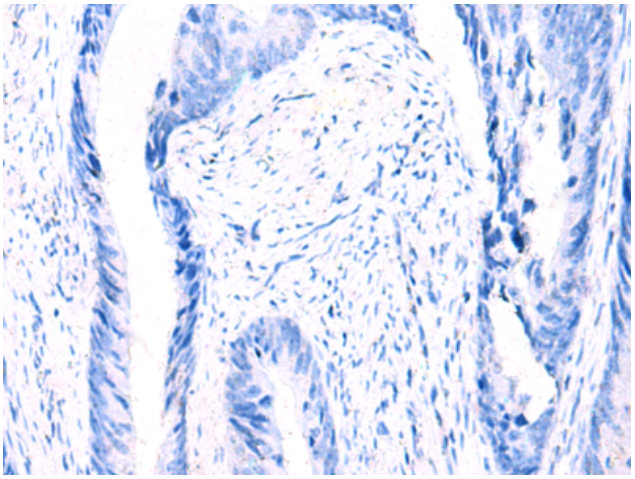
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 218792(MGP Antibody) at a dilution of 1/75(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the fusion protein and then with 218792(Anti-MGP Antibody) at dilution 1/75.



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using 218792(Anti-MGP Antibody) at a dilution of 1/75.



In comparision with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with fusion protein and then with D225204(Anti-MGP Antibody) at dilution 1/75.