

GDF10 RABBIT PAB

Cat.#: S221242

Product Name: Anti-GDF10 Rabbit Polyclonal Antibody

Synonyms: BIP; BMP3B; BMP-3b

UNIPROT ID: P55107 (Gene Accession - NP_004953)

Background: This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This promotes neural repair after stroke. Additionally, this protein may act as a tumor suppressor and reduced expression of this gene is associated with oral cancer.

Immunogen: Synthetic peptide of human GDF10

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-50; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

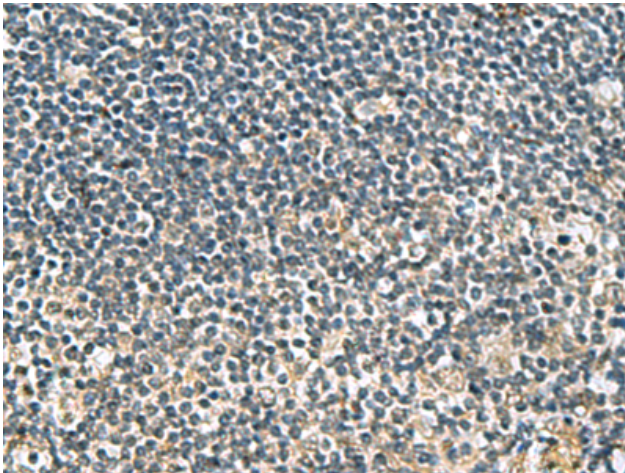
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

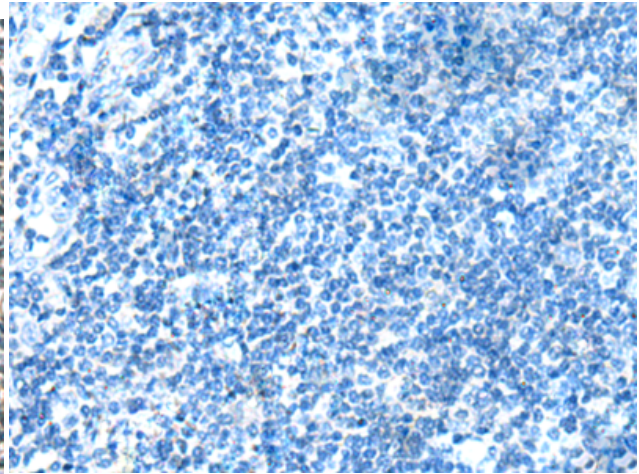
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Signal Transduction, Cancer, Stem Cells

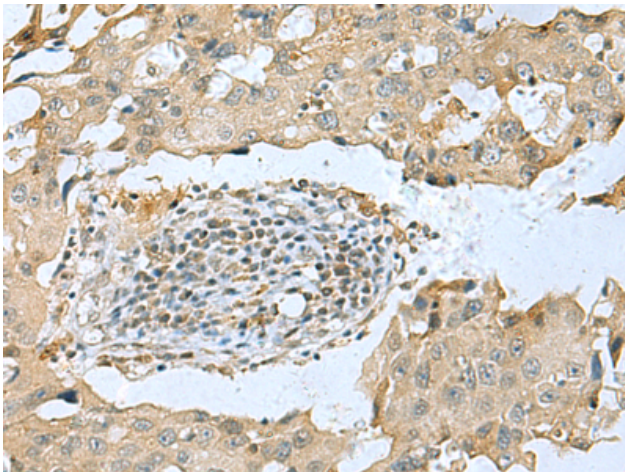
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



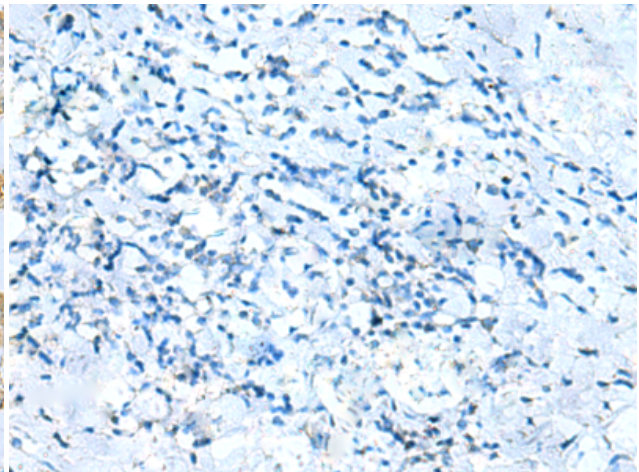
Immunohistochemistry analysis of paraffin embedded Human tonsil tissue using 221242(GDF10 Antibody) at a dilution of 1/30(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human tonsil tissue is first treated with the synthetic peptide and then with 221242(Anti-GDF10 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 221242(Anti-GDF10 Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with synthetic peptide and then with D262756(Anti-GDF10 Antibody) at dilution 1/30.