

TGM5 RABBIT PAB

Cat.#: S217937

Product Name: Anti-TGM5 Rabbit Polyclonal Antibody

Synonyms: TGX; PSS2; TGM6; TGMX; TGASE5; TGASEX

UNIPROT ID: O43548 (Gene Accession - BC122859)

Background: This gene encodes a member of the transglutaminase family. The encoded protein catalyzes formation of protein cross-links between glutamine and lysine residues, often resulting in stabilization of protein assemblies. This reaction is calcium dependent. Mutations in this gene have been associated with acral peeling skin syndrome.

Immunogen: Fusion protein of human TGM5

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-100;WB: 500-2000;ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

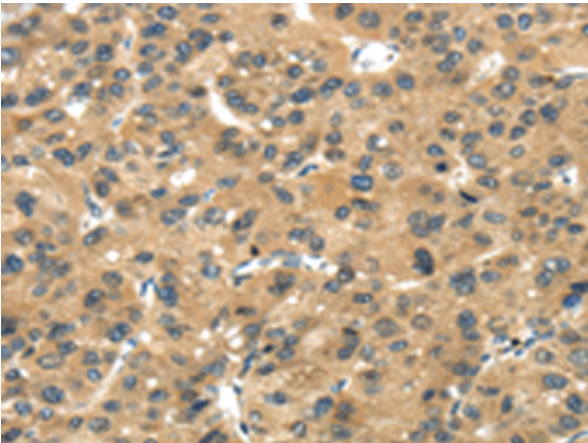
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

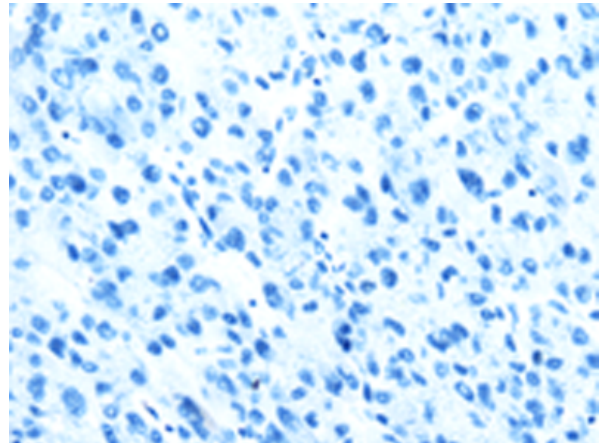
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Metabolism, Signal Transduction

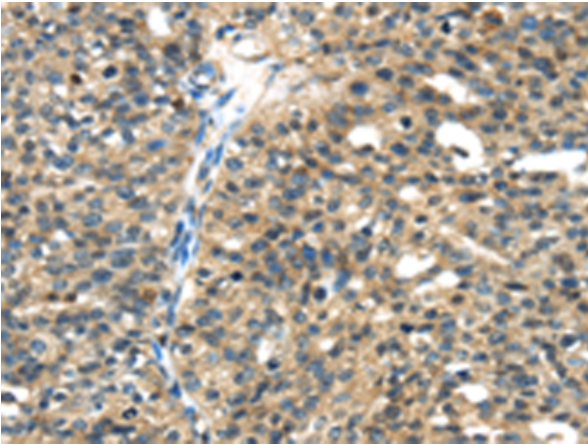
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



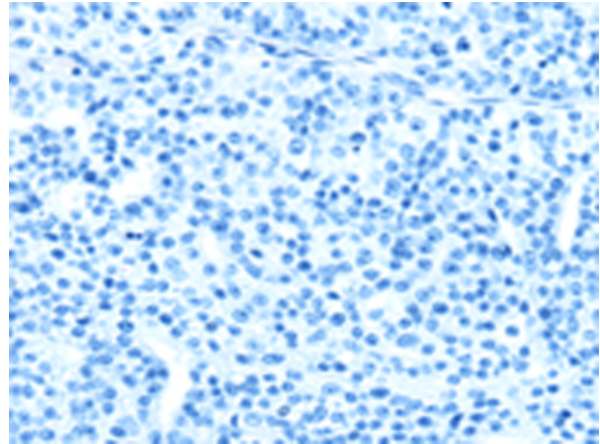
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 217937(TGM5 Antibody) at a dilution of 1/30(Cytoplasm and Cell membrane).



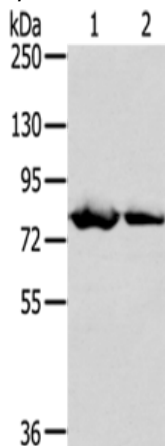
In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 217937(Anti-TGM5 Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 217937(Anti-TGM5 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 fusion protein and then with D223400(Anti-TGM5 Antibody) at dilution 1/30.



Gel: 6%SDS-PAGE, Lysate: 40 µg;
Lane 1-2: Mouse heart tissue, MCF7 cells;
Primary antibody: 217937(TGM5 Antibody) at dilution 1/400;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 2 minutes



Product Description

Pioneering GTPase and Oncogene Product Development since 2010
