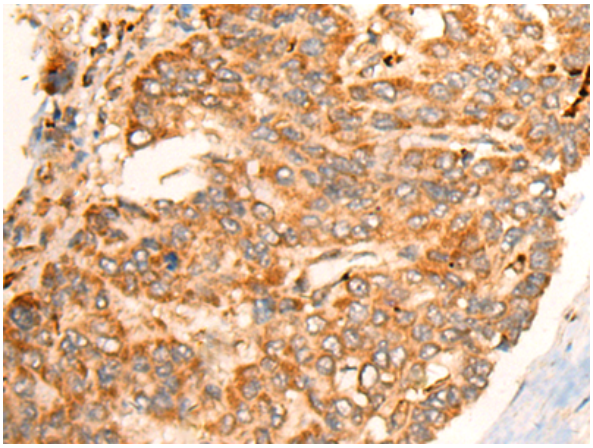
BPGM RABBIT PAB

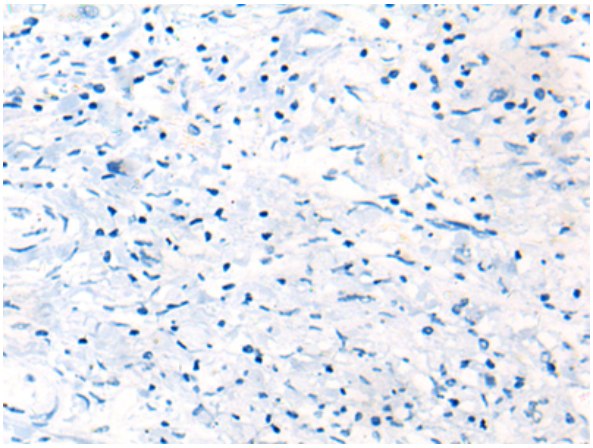
Cat.#: S218366
Product Name: Anti-BPGM Rabbit Polyclonal Antibody
Synonyms: DPGM
UNIPROT ID: P07738 (Gene Accession - BC017050)
Background: 2,3-diphosphoglycerate (2,3-DPG) is a small molecule found at high concentrations in red blood cells where it binds to and decreases the oxygen affinity of hemoglobin. This gene encodes a multifunctional enzyme that catalyzes 2,3-DPG synthesis via its synthetase activity, and 2,3-DPG degradation via its phosphatase activity. The enzyme also has phosphoglycerate phosphomutase activity. Deficiency of this enzyme increases the affinity of cells for oxygen. Mutations in this gene result in hemolytic anemia. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Immunogen: Full length fusion protein
Applications: ELISA, WB, IHC
Recommended Dilutions: IHC: 50-300;WB: 1000-5000;ELISA: 5000-10000
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, Cardiovascular
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

Product Description

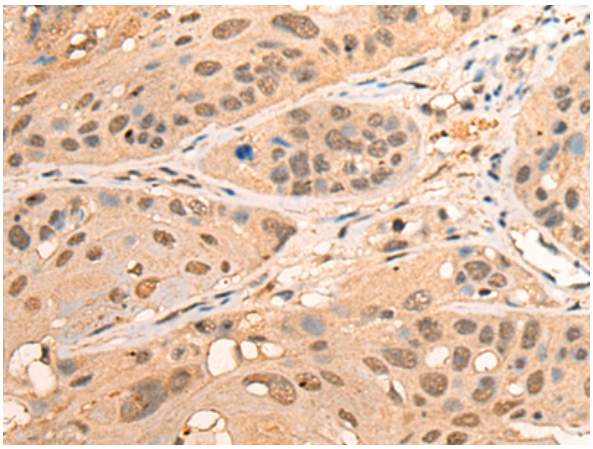
Pioneering GTPase and Oncogene Product Development since 2010



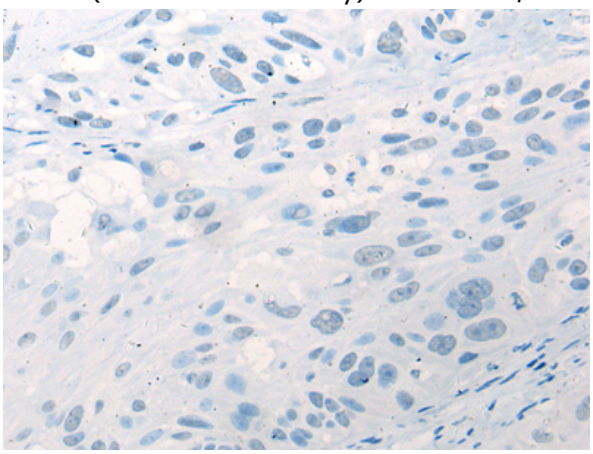
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218366(BPGM Antibody) at a dilution of 1/70(Cytoplasm or Nucleus).



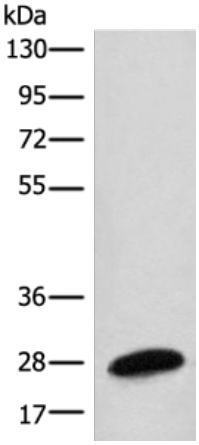
In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the fusion protein and then with 218366(Anti-BPGM Antibody) at dilution 1/70.



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 218366(Anti-BPGM Antibody) at a dilution of 1/70.



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with fusion protein and then with D224268(Anti-BPGM Antibody) at dilution 1/70.



Gel: 8%SDS-PAGE, Lysate: 40 µg;
Lane: Human placenta tissue lysate;
Primary antibody: 218366(BPGM Antibody) at dilution 1/1350;
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;
Exposure time: 30 seconds