

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

MT-CYB RABBIT PAB

Cat.#: S220490

Product Name: Anti-MT-CYB Rabbit Polyclonal Antibody

Synonyms: MTCYB; CYTB

UNIPROT ID: P00156 (Gene Accession - YP_003024038)

Background: Cytochrome b is a component of the ubiquinol-cytochrome c reductase comple,x which is a respiratory chain that generates an electrochemical potential, coupled to ATP synthesis. The principal components of the b-cl complex are cytochrome b, cytochrome cl, and the rieske protein. Cytochrome b posesses two heme groups, which are not covalently attached to the protein. Mutations in cytochrome b are associated with Leber's hereditary optic neuropathy and

with myopathy.

Immunogen: Synthetic peptide of human MT-CYB

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

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

glycerol

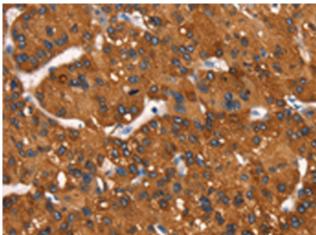
Research Areas: Metabolism, Cancer

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

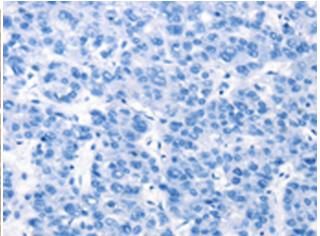


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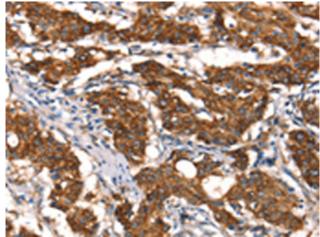
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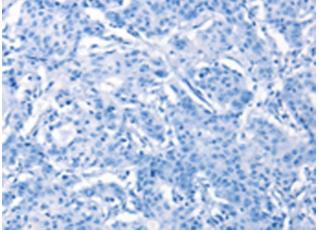
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220490(MT-CYB Antibody) at a dilution of 1/50(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220490(Anti-MT-CYB Antibody) at dilution 1/50.



The image on the left is immunohistochemistry of paraffinembedded Human gastric cancer tissue using 220490(Anti-MT-CYB Antibody) at a dilution of 1/50.



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with synthetic peptide and then with D261603(Anti-MT-CYB Antibody) at dilution 1/50.