

MPO RABBIT PAB

Cat.#: S210458

Product Name: Anti-MPO Rabbit Polyclonal Antibody

Synonyms:

UNIPROT ID: P05164 (Gene Accession - BC130476)

Background: Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypochlorous acids central to the microbicidal activity of neutrophils.

Immunogen: Fusion protein of human MPO

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 1000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

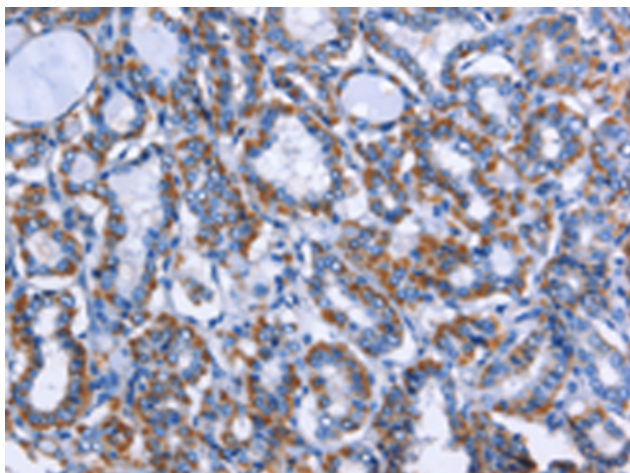
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

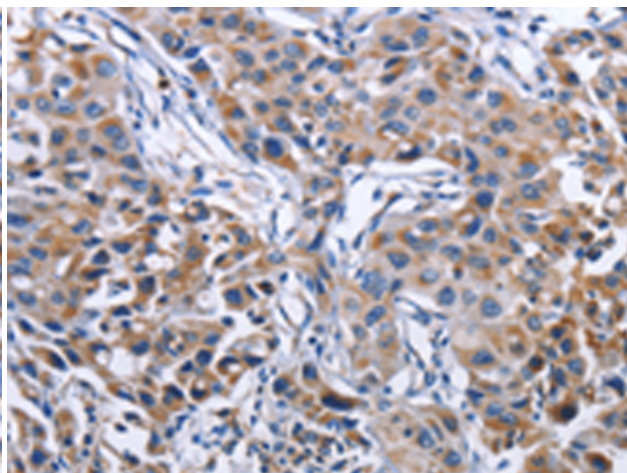
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Immunology, Cardiovascular, Cancer, Metabolism

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



Immunohistochemistry analysis of paraffin-embedded Human liver cancer tissue using 210458(MPO Antibody) at a dilution of 1/50(Cytoplasm).



Immunohistochemistry analysis of paraffin-embedded Human prostate cancer tissue using 210458(Anti-MPO Antibody) at a dilution of 1/50.