

MEIOB RABBIT PAB

Cat.#: S218390

Product Name: Anti-MEIOB Rabbit Polyclonal Antibody

Synonyms: gs129; C16orf73

UNIPROT ID: Q8N635 (Gene Accession - BC029829)

Background: Single-stranded DNA-binding protein required for homologous recombination in meiosis I. Required for double strand breaks (DSBs) repair and crossover formation and promotion of faithful and complete synapsis. Not required for the initial loading of recombinases but required to maintain a proper number of RAD51 and DMC1 foci after the zygotene stage. May act by ensuring the stabilization of recombinases, which is required for successful homology search and meiotic recombination. Displays Single-stranded DNA 3'-5' exonuclease activity in vitro (By similarity).

Immunogen: Fusion protein of human MEIOB

Applications: ELISA, IHC

Recommended Dilutions: IHC: 25-100; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

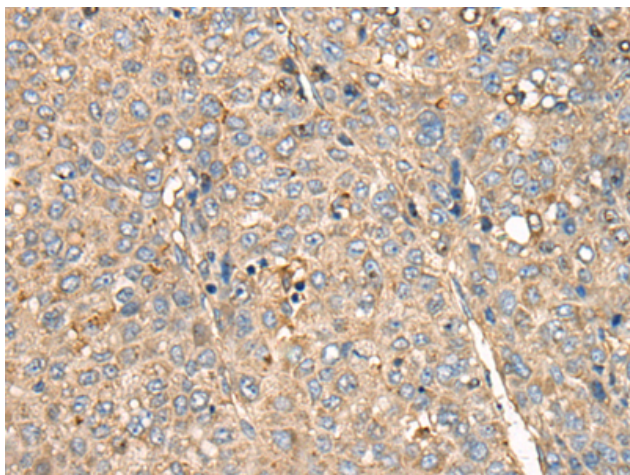
Purification: Antigen affinity purification

Species Reactivity: Human

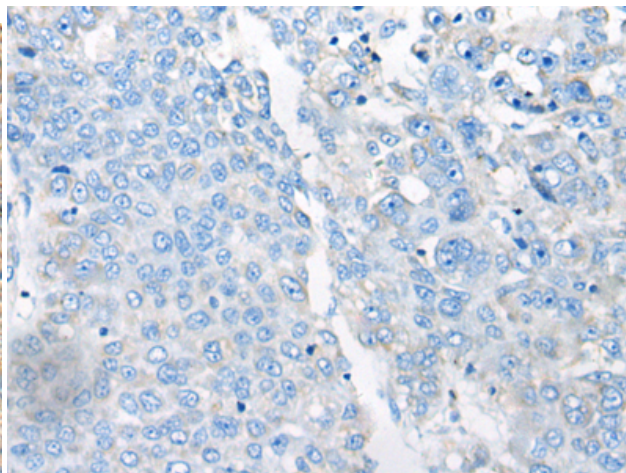
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer, Developmental Biology

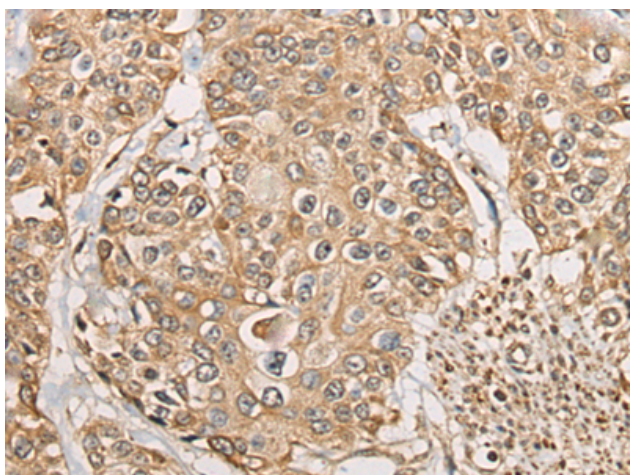
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



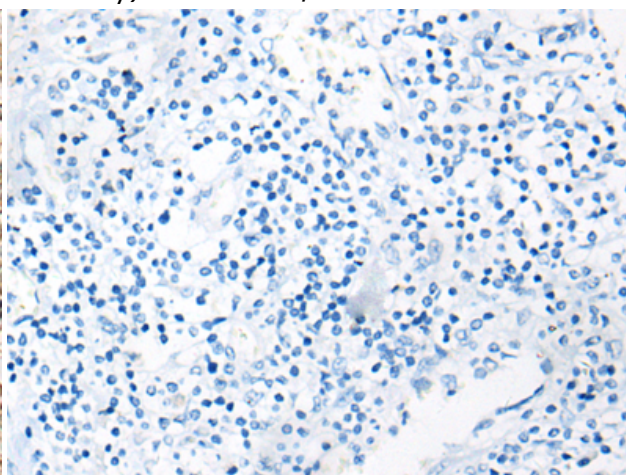
Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 218390(MEIOB Antibody) at a dilution of 1/30(Cytoplasm).



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 218390(Anti-MEIOB Antibody) at dilution 1/30.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 218390(Anti-MEIOB Antibody) at a dilution of 1/30.



In comparison with the IHC on the left, the same paraffin-embedded Human prostate cancer tissue is first treated with fusion protein and then with D224317(Anti-MEIOB Antibody) at dilution 1/30.