

PSMB4 RABBIT PAB

Cat.#: S218610

Product Name: Anti-PSMB4 Rabbit Polyclonal Antibody

Synonyms: HN3; HsN3; PRAAS3; PROS26; PROS-26

UNIPROT ID: P28070 (Gene Accession - BC017307)

Background: The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the proteasome B-type family, also known as the T1B family, that is a 20S core beta subunit.

Immunogen: Fusion protein of human PSMB4

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

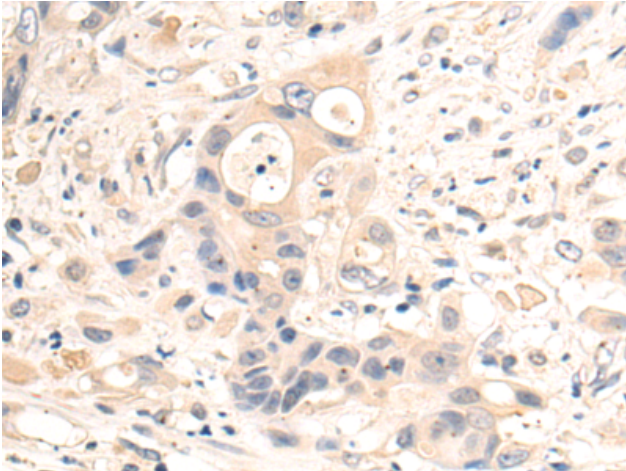
Purification: Antigen affinity purification

Species Reactivity: Human, Mouse, Rat

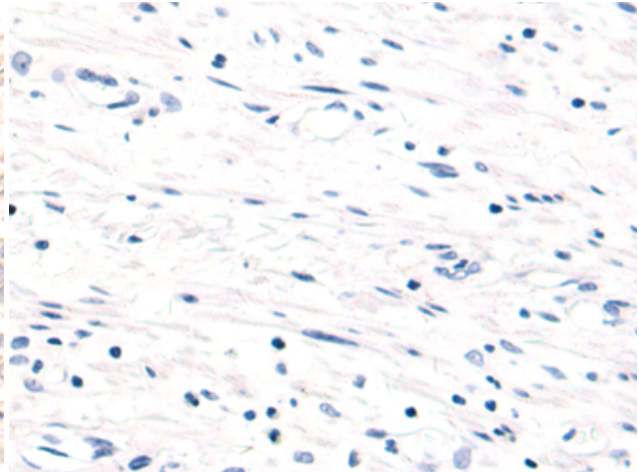
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cell Biology

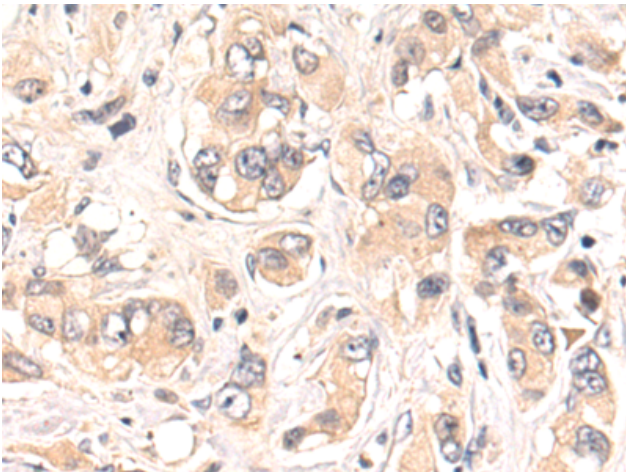
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



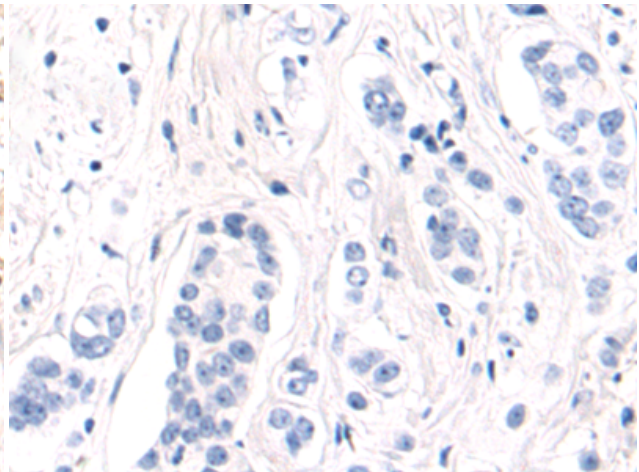
Immunohistochemistry analysis of paraffin-embedded Human colorectal cancer tissue using 218610 (PSMB4 Antibody) at a dilution of 1/80 (Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human colorectal cancer tissue is first treated with the fusion protein and then with 218610 (Anti-PSMB4 Antibody) at dilution 1/80.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 218610 (Anti-PSMB4 Antibody) at a dilution of 1/80.



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 D224804 (Anti-PSMB4 Antibody) at dilution 1/80.