

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **PSMB2 RABBIT PAB**

Cat.#: S219007

**Product Name:** Anti-PSMB2 Rabbit Polyclonal Antibody **Synonyms:** HC7-I

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UNIPROT ID: P49721 (Gene Accession - BC000268)

**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 TIB family, that is a 20S core beta subunit. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

Immunogen: Fusion protein of human PSMB2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 100-300;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, Rat

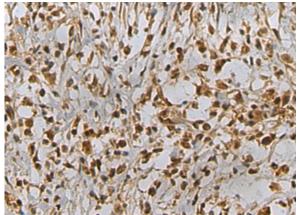
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Cell Biology

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

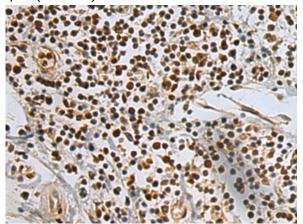


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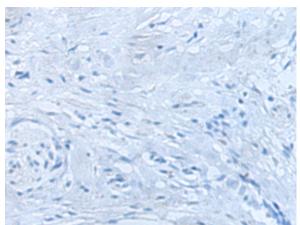
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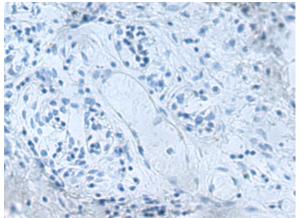
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 219007(PSMB2 Antibody) at a dilution of 1/130(Nucleus)



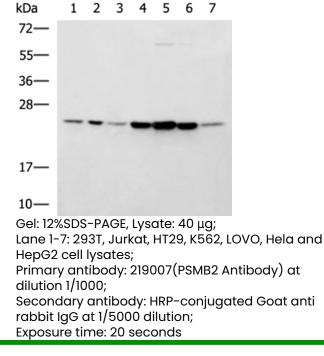
paraffin-embedded Human breast cancer tissue paraffin-embedded Human breast cancer tissue using 219007(Anti-PSMB2 Antibody) at a dilution of is first treated with fusion protein and then with 1/130.



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the fusion protein and then with 219007(Anti-PSMB2 Antibody) at dilution 1/130.



The image on the left is immunohistochemistry of In comparision with the IHC on the left, the same D225640(Anti-PSMB2 Antibody) at dilution 1/130.





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