

## MB RABBIT PAB

**Cat.#:** S217625

**Product Name:** Anti-MB Rabbit Polyclonal Antibody

**Synonyms:** PVALB; myoglobin

**UNIPROT ID:** P02144 (Gene Accession - BC014547)

**Background:** This gene encodes a member of the globin superfamily and is expressed in skeletal and cardiac muscles. The encoded protein is a haemoprotein contributing to intracellular oxygen storage and transcellular facilitated diffusion of oxygen. At least three alternatively spliced transcript variants encoding the same protein have been reported.

**Immunogen:** Fusion protein of human MB

**Applications:** ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 2000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

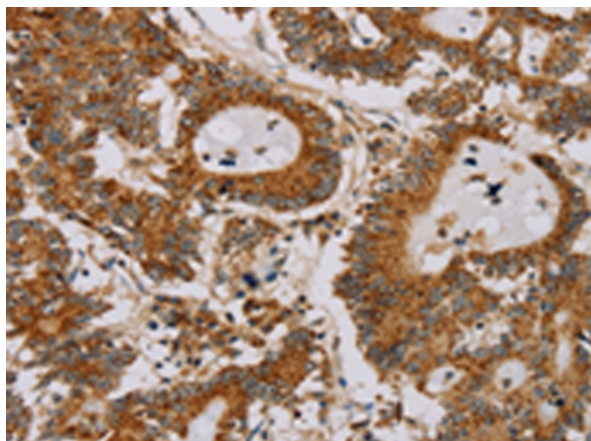
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse, Rat

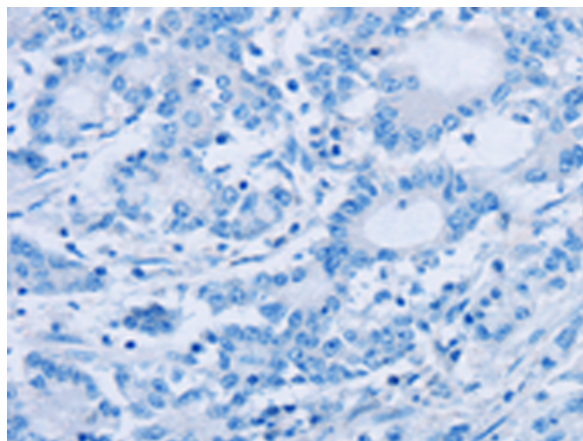
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Cardiovascular

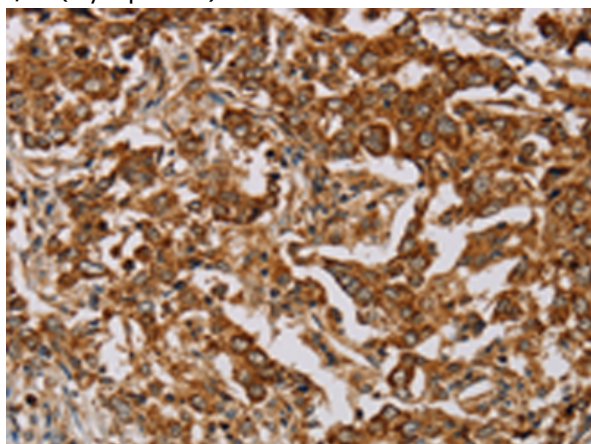
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



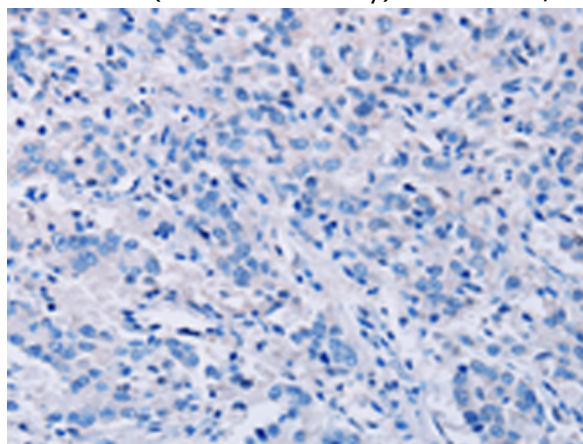
Immunohistochemistry analysis of paraffin embedded Human colon cancer tissue using 217625(MB Antibody) at a dilution of 1/25(Cytoplasm).



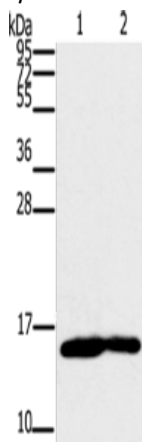
In comparison with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with the fusion protein and then with 217625(Anti-MB Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 217625(Anti-MB Antibody) at a dilution of 1/25.



In comparison with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with fusion protein and then with D222721(Anti-MB Antibody) at dilution 1/25.



Gel: 10%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-2: Mouse heart tissue, Mouse muscle tissue;  
 Primary antibody: 217625(MB Antibody) at dilution 1/350;  
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution;  
 Exposure time: 20 seconds



# Product Description

Pioneering GTPase and Oncogene Product Development since 2010

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