

## MYL12B RABBIT PAB

**Cat.#:** S217430

**Product Name:** Anti-MYL12B Rabbit Polyclonal Antibody

**Synonyms:** MLC-B; MRLC2

**UNIPROT ID:** O14950 (Gene Accession - BC004994 )

**Background:** The activity of nonmuscle myosin II (see MYH9; MIM 160775) is regulated by phosphorylation of a regulatory light chain, such as MRLC2. This phosphorylation results in higher MgATPase activity and the assembly of myosin II filaments

**Immunogen:** Fusion protein of human MYL12B

**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

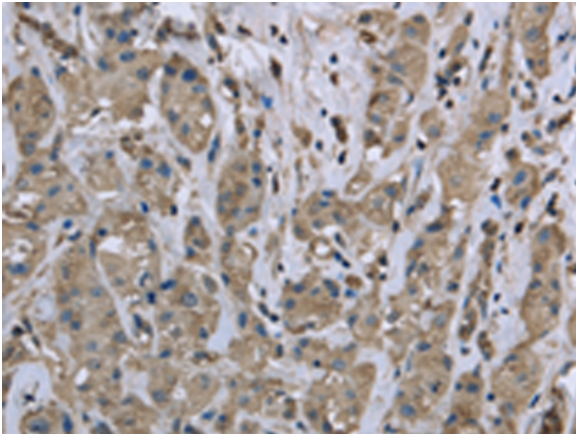
**Purification:** Antigen affinity purification

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

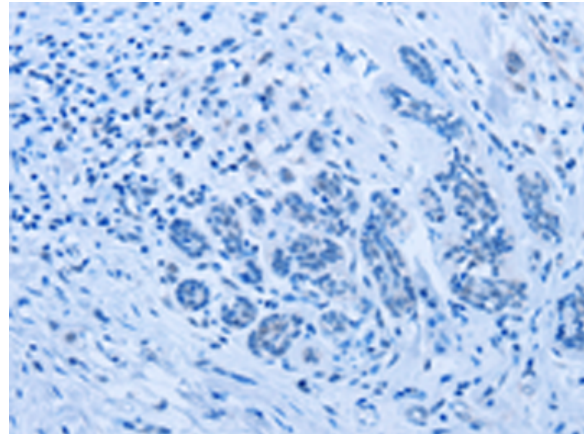
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

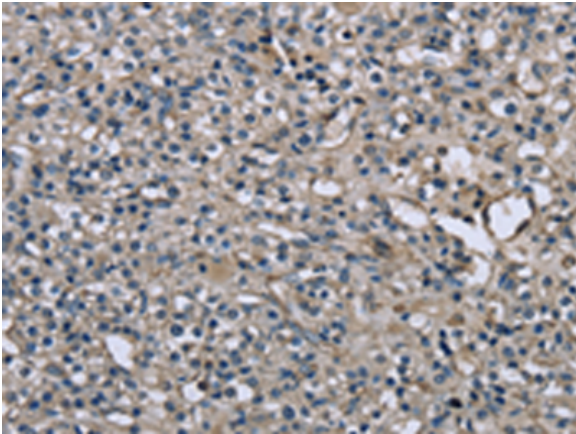
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



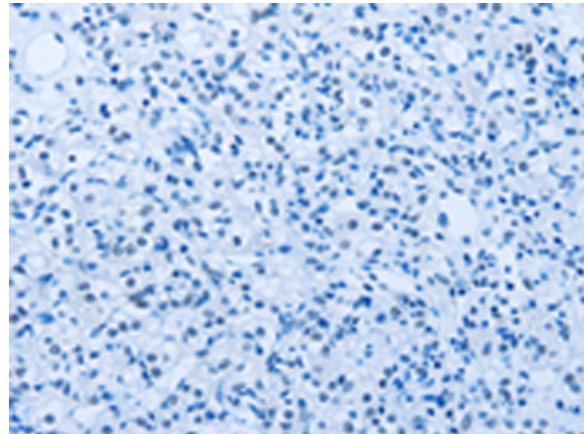
Immunohistochemistry analysis of paraffin embedded Human breast cancer tissue using 217430(MYL12B Antibody) at a dilution of 1/25(Cytoplasm).



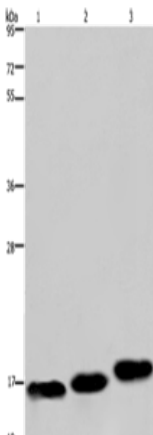
In comparison with the IHC on the left, the same paraffin-embedded Human breast cancer tissue is first treated with the fusion protein and then with 217430(Anti-MYL12B Antibody) at dilution 1/25.



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using 217430(Anti-MYL12B Antibody) at a dilution of 1/25.



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 D222348(Anti-MYL12B Antibody) at dilution 1/25.



Gel: 8%SDS-PAGE, Lysate: 40 µg;  
 Lane 1-3: Mouse skeletal muscle, Mouse heart tissue, Mouse bladder tissue;  
 Primary antibody: 217430(MYL12B Antibody) at dilution 1/550;  
 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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