

## MYH1 RABBIT PAB

**Cat.#:** S216667

**Product Name:** Anti-MYH1 Rabbit Polyclonal Antibody

**Synonyms:** MYHa; MYHSA1; MyHC-2x; MyHC-2X/D

**UNIPROT ID:** P12882 (Gene Accession - BC114545 )

**Background:** Myosin is a major contractile protein which converts chemical energy into mechanical energy through the hydrolysis of ATP. Myosin is a hexameric protein composed of a pair of myosin heavy chains (MYH) and two pairs of nonidentical light chains. Myosin heavy chains are encoded by a multigene family. In mammals at least 10 different myosin heavy chain (MYH) isoforms have been described from striated, smooth, and nonmuscle cells. These isoforms show expression that is spatially and temporally regulated during development.

**Immunogen:** Fusion protein of human MYH1

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50-200; ELISA: 1000-5000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

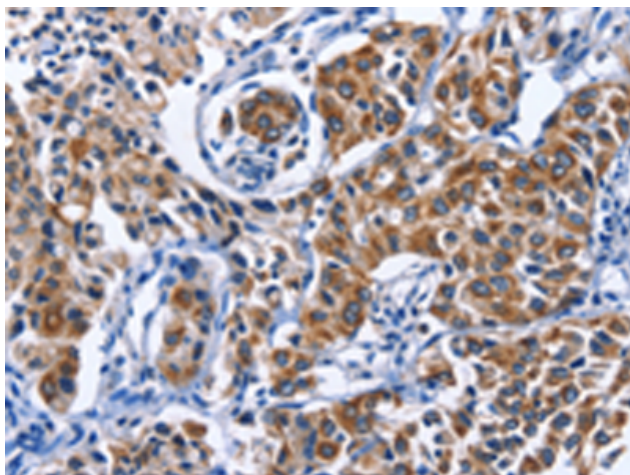
**Purification:** Antigen affinity purification

**Species Reactivity:** Human, Mouse

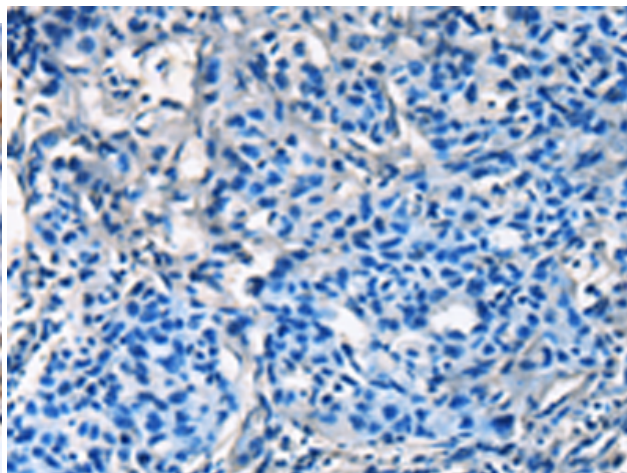
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction

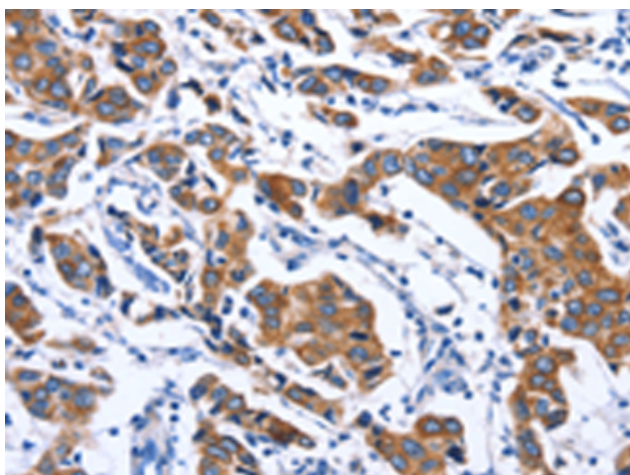
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



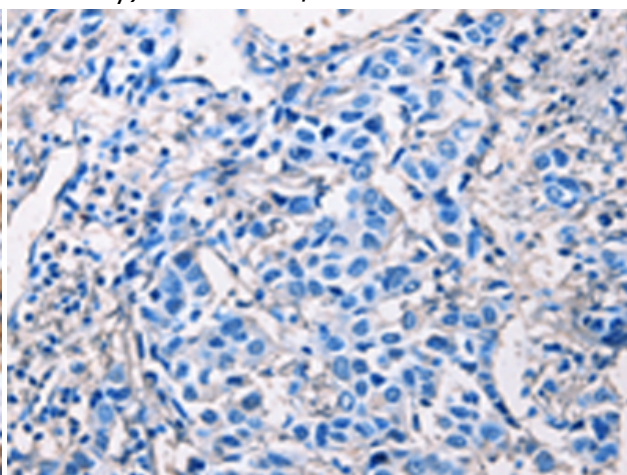
Immunohistochemistry analysis of paraffin embedded Human lung cancer tissue using 216667(MYH1 Antibody) at a dilution of 1/40(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human lung cancer tissue is first treated with the fusion protein and then with 216667(Anti-MYH1 Antibody) at dilution 1/40.



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using 216667(Anti-MYH1 Antibody) at a dilution of 1/40.



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 D221015(Anti-MYH1 Antibody) at dilution 1/40.