

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MYSM1 RABBIT PAB**

Cat.#: S220130

Product Name: Anti-MYSM1 Rabbit Polyclonal Antibody

Synonyms: 2ADUB, 2A-DUB, RP4-592A1.1

UNIPROT ID: Q5VVJ2 (Gene Accession - NP\_001078956)

**Background:** Metalloprotease that specifically deubiquitinates monoubiquitinated histone H2A, a specific tag for epigenetic transcriptional repression, thereby acting as a coactivator. Preferentially deubiquitinates monoubiquitinated H2A in hyperacetylated nucleosomes. Deubiquitination of histone H2A leads to facilitate the phosphorylation and dissociation of histone H1 from the nucleosome. Acts as a coactivator by participating in the initiation and elongation steps of androgen receptor (AR)-induced gene activation. **Immunogen:** Synthetic peptide of human MYSM1

Applications: ELISA, WB, IHC

**Recommended Dilutions:** IHC: 50-200;WB: 500-2000;ELISA: 2000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

Species Reactivity: Human, Mouse

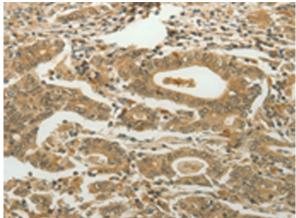
**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol **Research Areas:** Epigenetics and Nuclear Signaling

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



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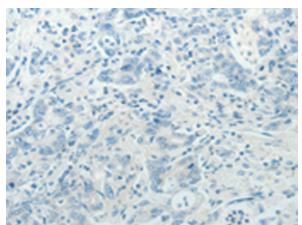
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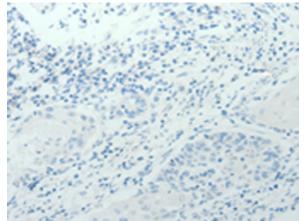
Immunohistochemistry analysis of paraffin embedded Human gastric cancer tissue using 220130(MYSM1 Antibody) at a dilution of 1/60(Nucleus).



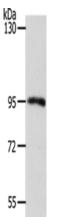
The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using 220130(Anti-MYSM1 Antibody) at a dilution of 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human gastric cancer tissue is first treated with the synthetic peptide and then with 220130(Anti-MYSM1 Antibody) at dilution 1/60.



In comparision with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with synthetic peptide and then with D261010(Anti-MYSM1 Antibody) at dilution 1/60.



Gel: 8%SDS-PAGE, Lysate: 50 µg; Lane: Mouse kidney tissue; Primary antibody: 220130(MYSM1 Antibody) at dilution 1/1100; Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution; Exposure time: 40 seconds



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