

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **MUC5B RABBIT PAB**

Cat.#: S220127

Product Name: Anti-MUC5B Rabbit Polyclonal Antibody

Synonyms: MG1; MUC5; MUC9; MUC-5B

UNIPROT ID: Q9HC84 (Gene Accession - NP\_002449)

**Background:** This gene encodes a member of the mucin family of proteins, which are highly glycosylated macromolecular components of mucus secretions. This family member is the major gel-forming mucin in mucus. It is a major contributor to the lubricating and viscoelastic properties of whole saliva, normal lung mucus and cervical mucus. This gene has been found to be upregulated in some human diseases, including sinus mucosa of chronic rhinosinusitis (CRS), CRS with nasal polyposis, chronic obstructive pulmonary disease (COPD) and H. pylori-associated gastric disease, and it may be involved in the pathogenesis of these diseases.

**Immunogen:** Synthetic peptide of human MUC5B

**Applications:** ELISA, WB, IHC

Recommended Dilutions: IHC: 50-100;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification

Species Reactivity: Human

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

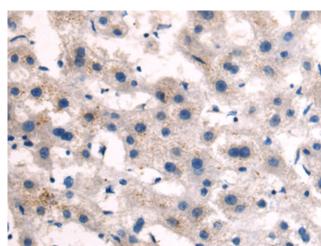
Research Areas: Signal Transduction, Cell Biology

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

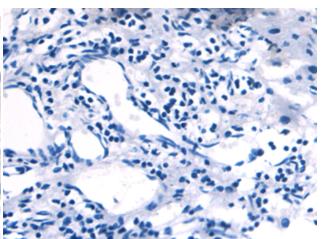


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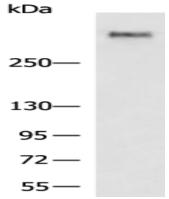
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Immunohistochemistry analysis of paraffin embedded Human liver cancer tissue using 220127(MUC5B Antibody) at a dilution of 1/50(Secreted).



In comparision with the IHC on the left, the same paraffin-embedded Human liver cancer tissue is first treated with the synthetic peptide and then with 220127(Anti-MUC5B Antibody) at dilution 1/50.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: LOVO cell lysate;

Primary antibody: 220127(MUC5B Antibody) at

dilution 1/500;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 3 minutes