

## MUC5AC RABBIT PAB

**Cat.#:** S219927

**Product Name:** Anti-MUC5AC Rabbit Polyclonal Antibody

**Synonyms:** TBM; IeB; MUC5; mucin

**UNIPROT ID:** P98088 (Gene Accession - BC033831 )

**Background:** Predicted to be an extracellular matrix structural constituent. Involved in phosphatidylinositol-mediated signaling. Located in cytoplasm; extracellular space; and mucus layer. Implicated in dry eye syndrome. Biomarker of several diseases, including Sjogren's syndrome; biliary tract disease (multiple); cystic fibrosis; eye disease (multiple); and pancreatic cancer (multiple).

**Immunogen:** Synthetic peptide of human MUC5AC

**Applications:** ELISA, IHC

**Recommended Dilutions:** IHC: 50–200; ELISA: 5000–10000

**Host Species:** Rabbit

**Clonality:** Rabbit Polyclonal

**Isotype:** Immunogen-specific rabbit IgG

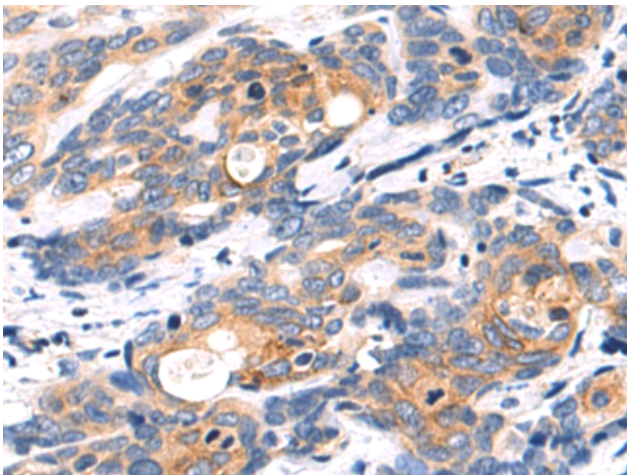
**Purification:** Antigen affinity purification

**Species Reactivity:** Human

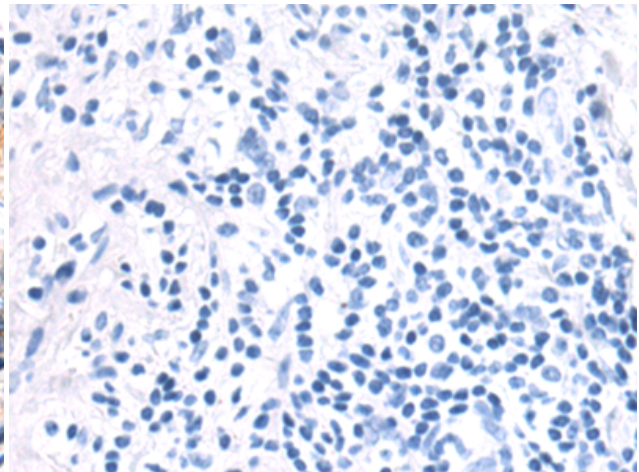
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:** Signal Transduction, Cancer

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



Immunohistochemistry analysis of paraffin embedded Human cervical cancer tissue using 219927(MUC5AC Antibody) at a dilution of 1/50(Cytoplasm).



In comparison with the IHC on the left, the same paraffin-embedded Human cervical cancer tissue is first treated with the synthetic peptide and then with 219927(Anti-MUC5AC Antibody) at dilution 1/50.