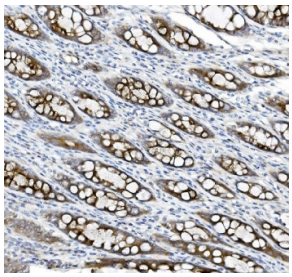
MUC5B Antibody (RQ6976)

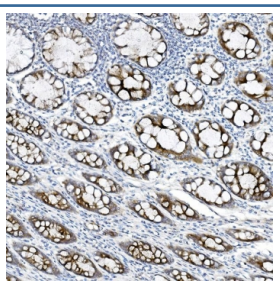
Catalog No.	Formulation	Size
RQ6976	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9HC84
Applications	Immunohistochemistry (FFPE): 2-5ug/ml Direct ELISA: 0.1-0.5ug/ml
Limitations	This MUC5B antibody is available for research use only.



IHC staining of FFPE human rectal cancer tissue with MUC5B antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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Description

Mucin 5B (MUC5B/Muc5b) is a protein that in humans is encoded by the MUC5B gene and by the Muc5b gene in mouse. 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 up-regulated 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.

Application Notes

Optimal dilution of the MUC5B antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids A5688-V5762) was used as the immunogen for the MUC5B antibody.

Storage

After reconstitution, the MUC5B antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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