

Product datasheet for **TA324303**

MUC5B Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human colorectal cancer Predicted cell location: Secreted
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 5750-5762 amino acids of human mucin 5B, oligomeric mucus/gel-forming
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	mucin 5B, oligomeric mucus/gel-forming
Database Link:	NP_002449 Entrez Gene 727897 Human Q9HC84

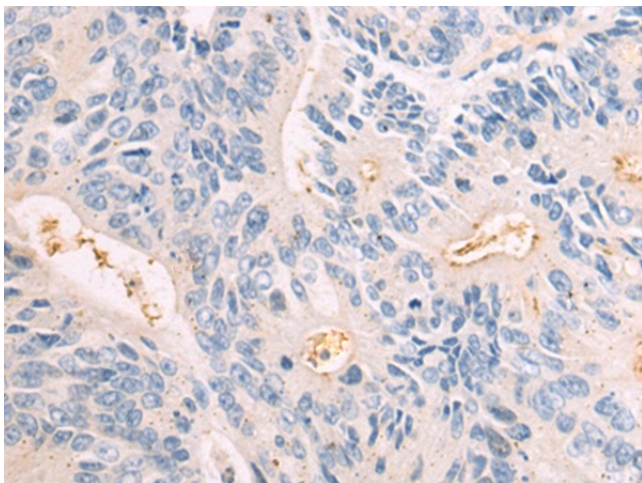
Background: This gene encodes a member of the mucin family of proteins; which are highly glycosylated macromolecular components of mucus secretions. This family member is the major gel-forming mucin in mucus. It is a major contributor to the lubricating and viscoelastic properties of whole saliva; normal lung mucus and cervical mucus. This gene has been found to be 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.



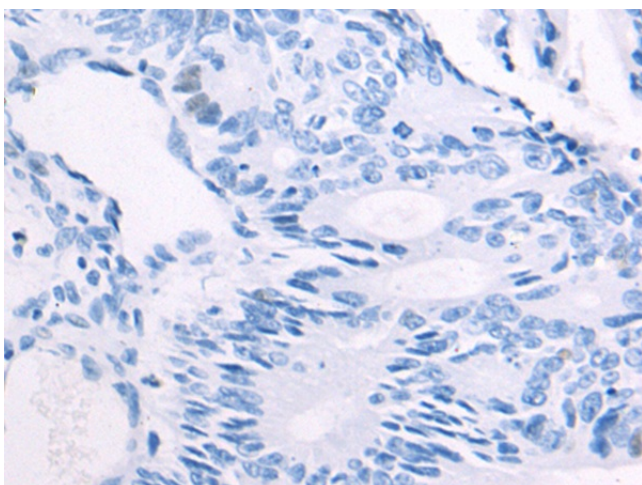
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Synonyms: MG1; MUC-5B; MUC5; MUC9

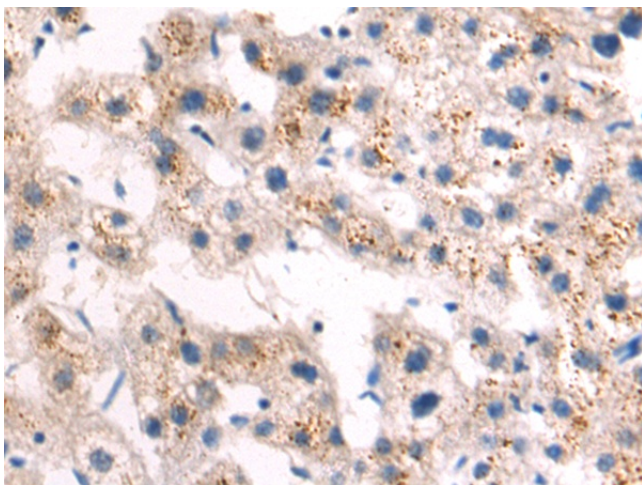
Product images:



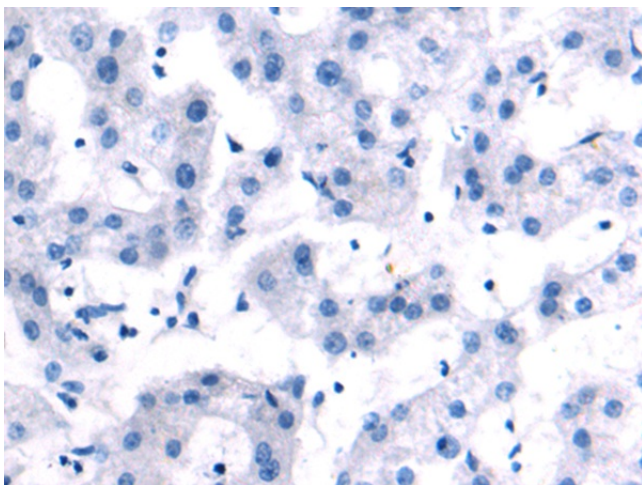
Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA324303 (MUC5B Antibody) at dilution 1/50 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA324303 (MUC5B Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA324303 (MUC5B Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA324303 (MUC5B Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)