

Product datasheet for **TA350715**

Mucin 5AC (MUC5AC) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human cervical cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MUC5AC
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% 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 5AC, oligomeric mucus/gel-forming
Database Link:	NP_059981 Entrez Gene 4586 Human P98088

Background: Mucin-5AC is a protein that in humans is encoded by the MUC5AC gene. This gene has been linked to mucus hypersecretion in the pulmonary tracts and associated to chronic obstructive pulmonary disease (COPD). Gel-forming glycoprotein of gastric and respiratory tract epithelia that protects the mucosa from infection and chemical damage by binding to inhaled microorganisms and particles that are subsequently removed by the mucociliary system. Highly expressed in surface mucosal cells of respiratory tract and stomach epithelia. Overexpressed in a number of carcinomas. Also expressed in Barrett's esophagus epithelium and in the proximal duodenum.

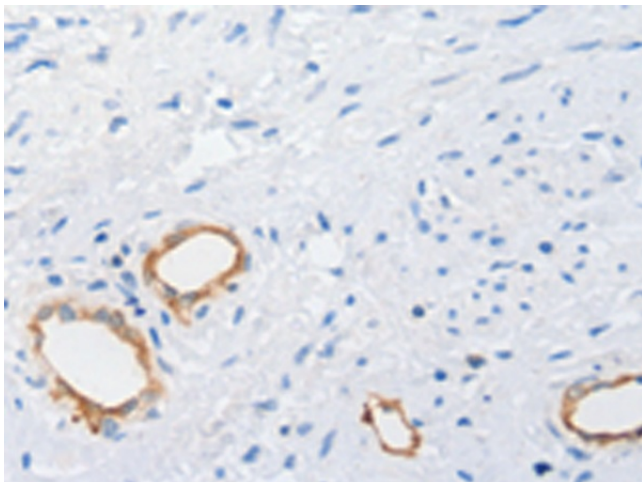


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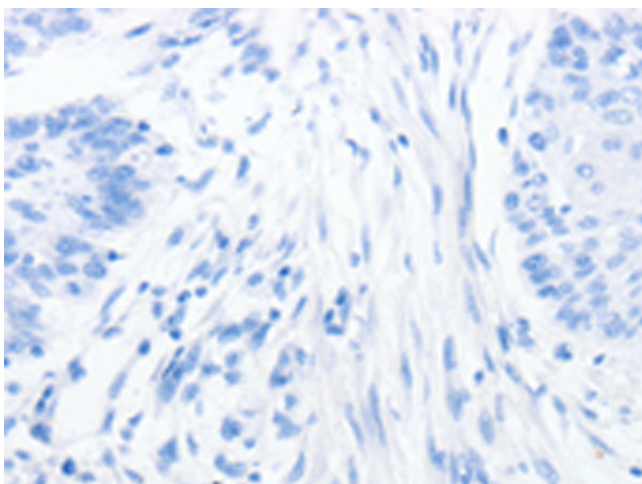
Synonyms: gastric; gastric mucin; gel-forming; MUC5; mucin 5; mucin 5AC; oligomeric mucus; subtypes A and C; tracheobronchial; tracheobronchial mucin

Protein Families: Druggable Genome

Product images:



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA350715 (MUC5AC Antibody) at dilution 1/100 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human cervical cancer tissue using TA350715 (MUC5AC Antibody) at dilution 1/100, treated with synthetic peptide. (Original magnification: ×200)