

**Anti-MUC5AC/Mucin 5Ac Rabbit Monoclonal Antibody**  
Catalog # ABO13876**Specification****Anti-MUC5AC/Mucin 5Ac Rabbit Monoclonal Antibody - Product Information**

Application	WB, IHC, IF, ICC
Primary Accession	<a href="#">P98088</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-MUC5AC/Mucin 5Ac Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human.

**Anti-MUC5AC/Mucin 5Ac Rabbit Monoclonal Antibody - Additional Information**

**Gene ID** 4586

**Other Names**

Mucin-5AC, MUC-5AC, Gastric mucin, Major airway glycoprotein, Mucin-5 subtype AC, tracheobronchial, Tracheobronchial mucin, TBM, MUC5AC {ECO:0000303|PubMed:11535137, ECO:0000312|HGNC:HGNC:7515}

**Calculated MW**

585570 MW KDa

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200

**Subcellular Localization**

Secreted.

**Tissue Specificity**

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..

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human MUC5AC

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-MUC5AC/Mucin 5Ac Rabbit Monoclonal Antibody - Protein Information**

**Name** MUC5AC {ECO:0000303|PubMed:11535137, ECO:0000312|HGNC:HGNC:7515}

**Function**

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 (PubMed:<a href="http://www.uniprot.org/citations/14535999" target="\_blank">14535999</a>, PubMed:<a href="http://www.uniprot.org/citations/14718370" target="\_blank">14718370</a>). Interacts with H.pylori in the gastric epithelium, Barrett's esophagus as well as in gastric metaplasia of the duodenum (GMD) (PubMed:<a href="http://www.uniprot.org/citations/14535999" target="\_blank">14535999</a>).

**Cellular Location**

Secreted

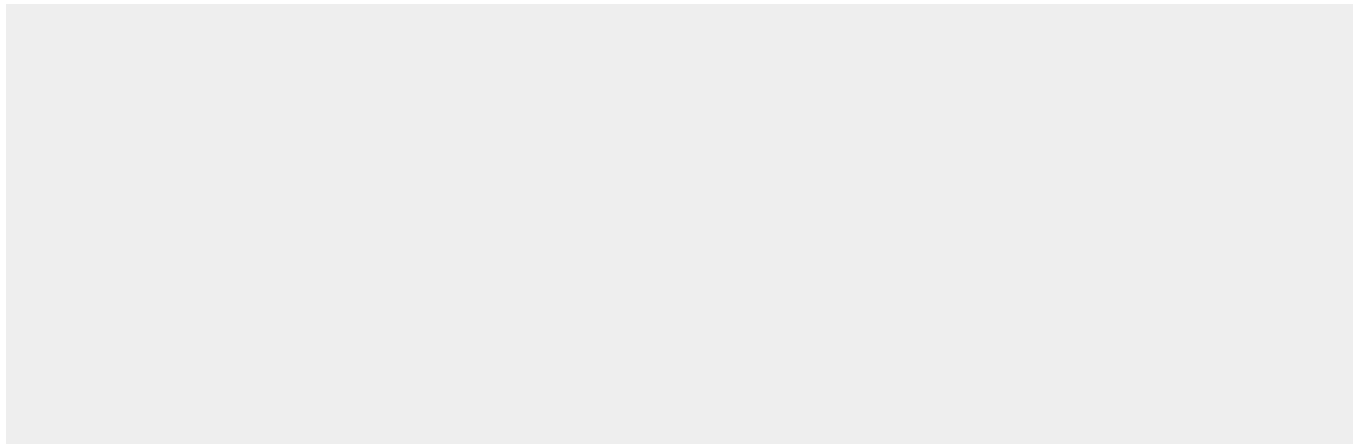
**Tissue Location**

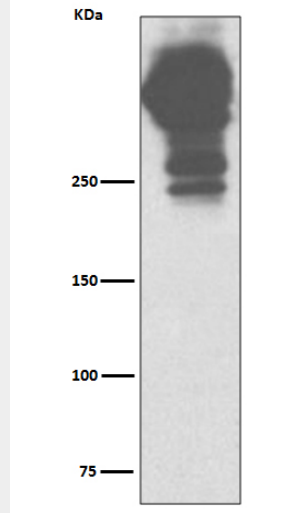
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**Anti-MUC5AC/Mucin 5Ac Rabbit Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-MUC5AC/Mucin 5Ac Rabbit Monoclonal Antibody - Images**



Western blot analysis of MUC5AC expression in human stomach lysate.