



#### **MUC5AC**

Mouse Monoclonal antibody(Mab)
Catalog # AD80151

## **Specification**

## **MUC5AC - Product info**

Application IHC-P
Primary Accession P98088
Reactivity Human
Host Mouse
Clonality Monoclonal
Calculated MW 585570

#### **MUC5AC - Additional info**

Gene ID **4586** 

Gene Name MUC5AC {ECO:0000303|PubMed:11535137,

ECO:0000312|HGNC:HGNC:7515}

#### **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}

# **Dilution**

IHC-P~~Ready-to-use

### **Storage**

Maintain refrigerated at 2-8°C

Precautions MUC5AC Antibody is for research use only

and not for use in diagnostic or

therapeutic procedures.

#### **MUC5AC - Protein Information**

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

Function Gel-forming glycoprotein of gastric and

respiratoy tract epithelia that protects the

mucosa from infection and chemical

damage by binding to inhaled

microrganisms and particles that are subsequently removed by the mucocilary

system.

Cellular Location Secreted.

Tissue Location Highly expressed in surface mucosal cells

of respiratory tract and stomach epithelia. Overexpressed in a number of carcinomas. Also expressed in Barrett's esophagus



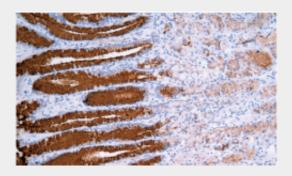
# epithelium and in the proximal duodenum.

# **MUC5AC - Protocols**

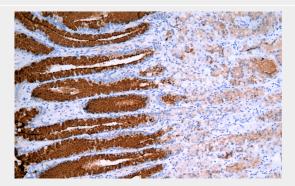
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- <u>Immunofluorescence</u>
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **MUC5AC - Images**



# Gastric tissues



Immunohistochemical analysis of paraffin-embedded human stomach tissue using AD80151 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSeeTM Detection Systems Abcepta: AR005 was used as the secondary antibody.