



MUC5AC

Mouse Monoclonal Antibody (Mab)
Catalog # APA151

Specification

MUC5AC - Product Information

Application IHC
Primary Accession P98088
Host Mouse
Clonality Monoclonal
Calculated MW 585570 Da

MUC5AC - Additional Information

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~~1:100~500

Storage Maintain refrigerated at 2-8°C for up to 2

weeks. For long term storage store at -20°C in small aliquots to prevent

freeze-thaw cycles.

Precautions MUC5AC 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

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

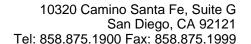
system (PubMed:14535999,

PubMed: 14718370). Interacts with H.pylori

in the gastric epithelium, Barrett's

esophagus as well as in gastric metaplasia

of the duodenum (GMD) (PubMed: 14535999).



abcepta

Cellular Location
Tissue Location

Secreted.

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>
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MUC5AC - Images