

Anti-MUC5AC Antibody (clone 45M1)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17387

Specification

Anti-MUC5AC Antibody (clone 45M1) - Product Information

| | |
|-------------------|------------------------|
| Application | IHC-P, FC |
| Primary Accession | P98088 |
| Predicted | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1,k |
| Calculated MW | 585570 |

Anti-MUC5AC Antibody (clone 45M1) - Additional Information

Gene ID 4586

Alias Symbol MUC5AC

Other Names

MUC5AC, Gastric mucin, Major airway glycoprotein, Muc5/5ac, Mucin-5AC, LeB, Lewis B blood group antigen, Tracheobronchial mucin, TBM, MUC-5AC, MUC5

Target/Specificity

Human MUC5AC

Reconstitution & Storage

PBS, 0.05% sodium azide. Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.

Precautions

Anti-MUC5AC Antibody (clone 45M1) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-MUC5AC Antibody (clone 45M1) - 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).

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.

Anti-MUC5AC Antibody (clone 45M1) - 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 Antibody (clone 45M1) - Images