

MUC5AC

Mouse Monoclonal antibody(Mab)
Catalog # AD80151

Product Information

Application IHC-P
Primary Accession P98088
Reactivity Human
Host Mouse
Clonality Monoclonal
Clone Names 852F7F6
Calculated MW 585570

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: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.

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).

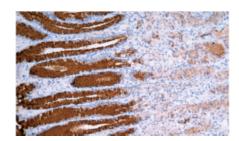
Cellular Location Secreted

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.

Images



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.