

Mucin 5AC (ABT143) Rabbit mAb

CatalogNo: YM6262

Recombinant  IHC

Key Features

Host Species

- Rabbit

Reactivity

- Human

Applications

- IHC

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

IHC 1:200-1:400

Basic Information

Clonality Monoclonal

Clone Number ABT143

Immunogen Information

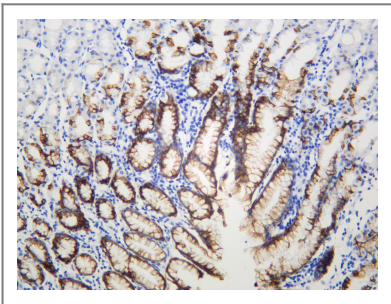
Immunogen The specific immunogen used to produce this antibody is proprietary information.

Specificity Endogenous

Target Information

Gene name	MUC5AC MUC5		
Protein Name	Mucin-5AC (MUC-5AC) (Gastric mucin) (Lewis B blood group antigen) (LeB) (Major airway glycoprotein) (Mucin-5 subtype AC, tracheobronchial) (Tracheobronchial mucin) (TBM) (Fragments)		
	Organism	Gene ID	UniProt ID
	Human		P98088 ;
Cellular Localization	Cytoplasm		
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.		
Function	Domain:The cysteine residues in the Cys-rich subdomain repeats are not involved in disulfide bonding. ,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 particulates that are subsequently removed by the mucociliary system. ,PTM:C- , O- and N-glycosylated. O-glycosylated on the Thr-/Ser-rich tandem repeats. C-mannosylation in the Cys-rich subdomains may be required for proper folding of these regions and for export from the endoplasmic reticulum during biosynthesis. ,PTM:Proteolytic cleavage in the C-terminal is initiated early in the secretory pathway and does not involve a serine protease. The extent of cleavage is increased in the acidic parts of the secretory pathway. Cleavage generates a reactive group which could link the protein to a primary amide. ,similarity:Contains 1 CTCK (C-terminal cystine knot-like) domain. ,similarity:Contains 2 VWFC domains. ,similarity:Contains 4 VWFD domains. ,subunit:Multimeric. Interacts with H.pylori in the gastric epithelium , Barrett's esophagus as well as in gastric metaplasia of the duodenum (GMD) . ,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. ,		

Validation Data



Human stomach was stained with anti-Mucin 5AC Rabbit antibody

Contact information

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Please scan the QR code
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product information:
Mucin 5AC (ABT143)
Rabbit mAb

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