

A Reliable Research Partner in Life Science and Medicine

Recombinant Mucin 5AC Monoclonal Antibody

catalog number: AN301037L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human; Mouse; Rat

Immunogen Recombinant Human Mucin 5AC protein

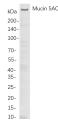
Host Rabbit Isotype IgG,ĸ B788 Clone **Purification** Protein A

Buffer PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

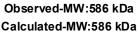
1:200-1:1000 **IHC** 1:1000-1:5000 WB

Data



Western Blot with Recombinant Mucin 5AC Monoclonal

Immunohistochemistry of paraffin-embedded human Antibody at dilution of 1:1000 dilution. Lane A: HT-29 cells. stomach tissue using Recombinant Mucin 5AC Monoclonal Antibody at dilution of 1:200.





Immunohistochemistry of paraffin-embedded rat stomach tissue using Recombinant Mucin 5AC Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping Ice bag

Background

For Research Use Only

Toll-free: 1-888-852-8623 Fax: 1-832-243-6017 Tel: 1-832-243-6086 Web: www.elabscience.com Email: techsupport@elabscience.com Rev. V1.1

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The cysteine residues in the Cys-rich subdomain repeats are not involved in disulfide bonding.,Gel-forming glycoprotein of gastric and respiratoy tract epithelia that protects the mucosa from infection and chemical damage by binding to inhaled microrganisms and particules that are subsequently removed by the mucocilary 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 WWFC domains.,similarity:Contains 4 WWFD 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.

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