

## Product datasheet

# Anti-MUC5B antibody ab87376

### 画像数 2

#### 製品の概要

製品名	Anti-MUC5B antibody
製品の詳細	Rabbit polyclonal to MUC5B
アプリケーション	<b>適用あり:</b> IHC-P, ICC/IF
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide conjugated to KLH derived from within residues 5650 - 5750 of Human MUC5B. <a href="#">Immunogenの所有権に関して</a>
ポジティブ・コントロール	This antibody gave a positive signal in Human normal colon FFPE section. IF: HepG2 cell line

#### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

#### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab87376** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use a concentration of 5 µg/ml.

## ターゲット情報

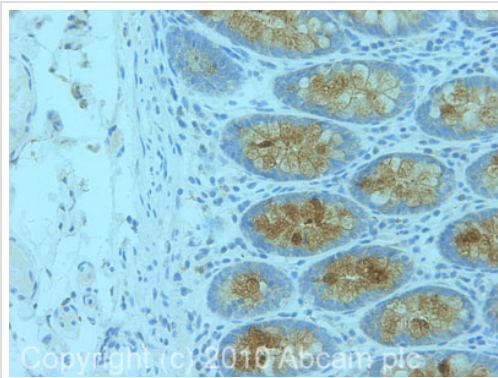
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機能	Gel-forming mucin that is thought to contribute to the lubricating and viscoelastic properties of whole saliva and cervical mucus.
組織特異性	Expressed on surface airway epithelia. Expressed mainly in mucous cells of submucosal glands of airway tissues. Highly expressed in the sublingual gland. Also found in submaxillary glands, endocervix, gall bladder, and pancreas.
配列類似性	Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 3 HAT repeats. Contains 3 TIL (trypsin inhibitory-like) domains. Contains 3 VWFC domains. Contains 4 VWFD domains.
ドメイン	The cysteine residues in the Cys-rich subdomain repeats are not involved in disulfide bonding.
翻訳後修飾	Highly glycosylated. C-, N- and O-glycosylated. C-mannosylated in the Cys-rich subdomains probably on the first Trp residue of the WXXW motif. Highly O-glycosylated in the Ser/Thr-rich tandem repeat (TR) region. The repeat region is about 59% O-glycosylated with a high abundance of NeuAc(2)Hex(1)HexNac1-ol.
細胞内局在	Secreted.

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## 画像

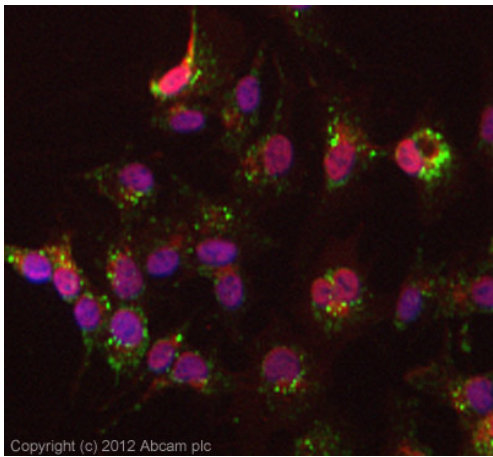
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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - MUC5B antibody (ab87376)

IHC image of MUC5B staining in Human normal colon FFPE section, performed on a BondTM system using the standard protocol F. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH6, epitope retrieval solution 1) for 20 mins. The section was then incubated with ab87376, 5µg/ml, for 15 mins at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX

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Immunocytochemistry/ Immunofluorescence - Anti-MUC5B antibody (ab87376)

ICC/IF image of ab87376 stained HepG2 cells. The cells were 4% paraformaldehyde fixed (10 min) and then incubated in 1%BSA / 10% normal goat serum / 0.3M glycine in 0.1% PBS-Tween for 1h to permeabilise the cells and block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab87376, 5µg/ml) overnight at +4°C. The secondary antibody (green) was ab96899, DyLight® 488 goat anti-rabbit IgG (H+L) used at a 1/250 dilution for 1h. Alexa Fluor® 594 WGA was used to label plasma membranes (red) at a 1/200 dilution for 1h. DAPI was used to stain the cell nuclei (blue) at a concentration of 1.43µM.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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