

Anti-MUC5B antibody ab87376

10 References **2 图像**

概述

产品名称	Anti-MUC5B抗体
描述	兔多克隆抗体to MUC5B
宿主	Rabbit
特异性	From Jan 2024, QC testing of replenishment batches of this polyclonal changed. All tested and expected application and reactive species combinations are still covered by our Abcam product promise. However, we no longer test all applications. For more information on a specific batch, please contact our Scientific Support who will be happy to help.
经测试应用	适用于: IHC-P, ICC/IF
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human MUC5B aa 5650-5750 conjugated to keyhole limpet haemocyanin. (Peptide available as ab104422)
阳性对照	This antibody gave a positive signal in Human normal colon FFPE section. IF: HepG2 cell line
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	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.
存储溶液	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: PBS</p>

Batches of this product that have a concentration < 1mg/ml may have BSA added as a stabilising agent. If you would like information about the formulation of a specific lot, please contact our

	scientific support team who will be happy to help.
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab87376于以下的经测试应用

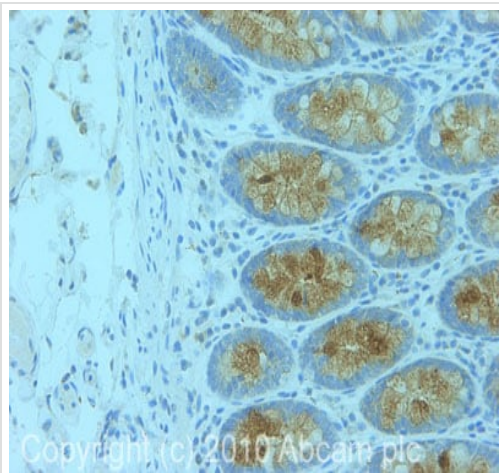
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
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.

靶标

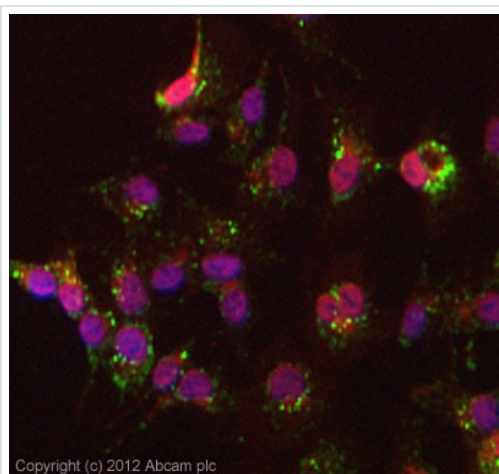
功能	Gel-forming mucin that is thought to contribute to the lubricating and viscoelastic properties of whole saliva and cervical mucus.
组织特异性	Expressed on surface airway epithelia. Expressed mainly in mucous cells of submucosal glands of airway tissues. Highly expressed in the sublingual gland. Also found in submaxillary glands, endocervix, gall bladder, and pancreas.
序列相似性	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.
结构域	The cysteine residues in the Cys-rich subdomain repeats are not involved in disulfide bonding.
翻译后修饰	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.
细胞定位	Secreted.

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-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



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. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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