

Anti-Mucin 5AC antibody [1-13M1] ab24070

[17 References](#) [1 图像](#)

概述

| | |
|--------------|---|
| 产品名称 | Anti-Mucin 5AC抗体[1-13M1] |
| 描述 | 小鼠单克隆抗体[1-13M1] to Mucin 5AC |
| 宿主 | Mouse |
| 经测试应用 | 适用于: Flow Cyt |
| 种属反应性 | 与反应: Human |
| 免疫原 | Full length native protein (purified) corresponding to Human Mucin 5AC. Mucin isolated from an ovarian cyst fluid (pure endocervical type according to the Fenoglio's classification) from an ALeb patient |
| 表位 | The epitope is destroyed by beta-mercaptoethanol. |
| 阳性对照 | Human intestine and stomach |
| 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. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| 存储溶液 | pH: 7.3 Preservative: 0.05% Sodium azide Constituent: PBS |
| 纯度 | Protein G purified |
| 克隆 | 单克隆 |
| 克隆编号 | 1-13M1 |
| 骨髓瘤 | Sp2/0 |

同种型

IgG1

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab24070于以下的经测试应用

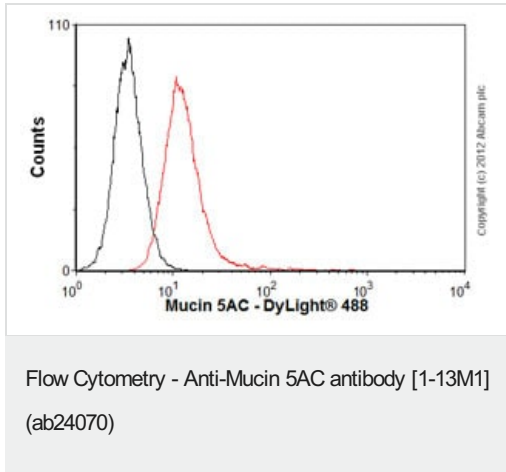
“应用说明”部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----------|------|--|
| Flow Cyt | | Use 1µg for 10 ⁶ cells. ab170190 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

靶标

| | |
|-------|---|
| 功能 | 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. |
| 组织特异性 | 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. |
| 序列相似性 | Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 3 TIL (trypsin inhibitory-like) domains. Contains 4 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 | 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. 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. |
| 细胞定位 | Secreted. |

图片



Overlay histogram showing A549 cells stained with ab24070 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (ab24070, 1µg/1x10⁶ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (**ab91353**, 2µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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