

### Anti-MUC16 antibody [EPSISR23] ab134093

**重组 RabMAb**

**3 References** [4 图像](#)

#### 概述

<b>产品名称</b>	Anti-MUC16抗体[EPSISR23]
<b>描述</b>	兔单克隆抗体[EPSISR23] to MUC16
<b>宿主</b>	Rabbit
<b>经测试应用</b>	<b>适用于:</b> WB, ICC/IF, Flow Cyt (Intra) <b>不适用于:</b> IHC-P or IP
<b>种属反应性</b>	<b>与反应:</b> Human
<b>免疫原</b>	Synthetic peptide corresponding to Human MUC16 aa 12450-12550. Database link: <a href="#">Q8WX17</a> (Peptide available as <a href="#">ab139976</a> )
<b>阳性对照</b>	ICC/IF: NIH:OVCAR-3 cells. Flow Cyt: HeLa cells. WB: NIH:OVCAR-3 cells.
<b>常规说明</b>	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> <li>- High batch-to-batch consistency and reproducibility</li> <li>- Improved sensitivity and specificity</li> <li>- Long-term security of supply</li> <li>- Animal-free production</li> </ul> For more information <a href="#">see here</a> . Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>存储溶液</b>	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
<b>纯度</b>	Protein A purified

克隆	单克隆
克隆编号	EPSISR23
同种型	IgG

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab134093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。

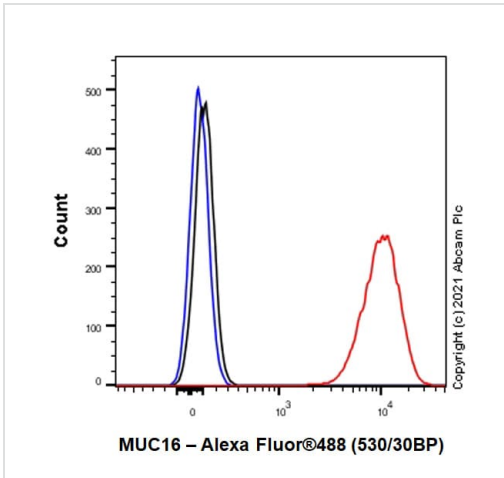
应用	Ab评论	说明
WB		1/10000. Detects a band of approximately 2353 kDa (predicted molecular weight: 1519 kDa).Can be blocked with <b>MUC16 peptide (ab139976)</b> . For unpurified use at 1/10000 - 1/50000 dilution.
ICC/IF		1/50. For unpurified use at 1/100 - 1/250 dilution.
Flow Cyt (Intra)		1/20. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. For unpurified use at 1/100 - 1/1000 dilution.

应用说明 Is unsuitable for IHC-P or IP.

## 靶标

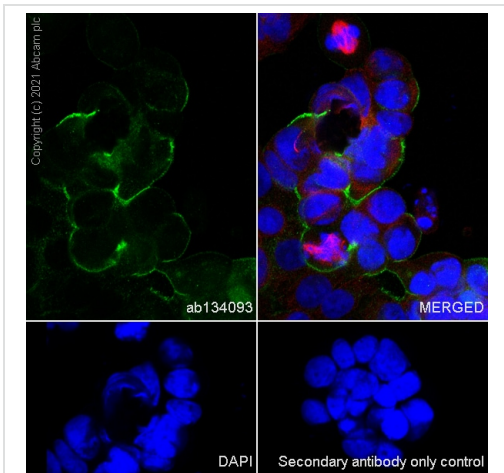
功能	Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.
组织特异性	Expressed in corneal and conjunctival epithelia (at protein level). Overexpressed in ovarian carcinomas and ovarian low malignant potential (LMP) tumors as compared to the expression in normal ovarian tissue and ovarian adenomas.
序列相似性	Contains 2 ANK repeats. Contains 56 SEA domains.
结构域	Composed of three domains, a Ser-, Thr-rich N-terminal domain, a repeated domain containing more than 60 partially conserved tandem repeats of 156 amino acids each (AAs 12061-21862) and a C-terminal transmembrane contain domain with a short cytoplasmic tail.
翻译后修饰	Heavily O-glycosylated; expresses both type 1 and type 2 core glycans. Heavily N-glycosylated; expresses primarily high mannose and complex bisecting type N-linked glycans. May be phosphorylated. Phosphorylation of the intracellular C-terminal domain may induce proteolytic cleavage and the liberation of the extracellular domain into the extracellular space. May contain numerous disulfide bridges. Association of several molecules of the secreted form may occur through interchain disulfide bridges providing an extraordinarily large gel-like matrix in the extracellular space or in the lumen of secretory ducts.
细胞定位	Cell membrane. Secreted > extracellular space. May be liberated into the extracellular space following the phosphorylation of the intracellular C-terminus which induces the proteolytic cleavage

图片



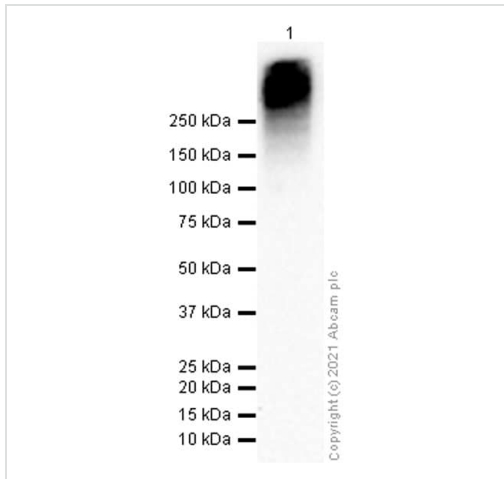
Flow Cytometry (Intracellular) - Anti-MUC16 antibody [EPSISR23] (ab134093)

Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labelling MUC16 with Purified ab134093 at 1:20 dilution (5 µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1:2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabelled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Immunocytochemistry/ Immunofluorescence - Anti-MUC16 antibody [EPSISR23] (ab134093)

Immunocytochemistry analysis of NIH:OVCAR-3 (Human ovary adenocarcinoma epithelial cell) cells labeling MUC16 with Purified ab134093 at 1:50 dilution (2.3 µg/ml). Cells were fixed in 100% Methanol and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



Western blot - Anti-MUC16 antibody [EPSISR23] (ab134093)

Anti-MUC16 antibody [EPSISR23] (ab134093) at 1/10000 dilution + NIH:OVCAR-3 (Human ovary adenocarcinoma epithelial cell) whole cell lysate at 15 µg

**Secondary**

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution





**Predicted band size:** 1519 kDa

**Observed band size:** 2353 kDa

Blocking and dilution buffer: 5% NFDm/TBST.

Image produced using the purified version.

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-MUC16 antibody [EPSISR23] (ab134093)

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

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