# abcam

## Product datasheet

## Anti-Trefoil Factor 3 antibody [EPR3973] ab109104



重组 RabMAb

#### 1 Abreviews 2 References 4 图像

#### 概述

产品名称 Anti-Trefoil Factor 3抗体[EPR3973]

描述 兔单克隆抗体[EPR3973] to Trefoil Factor 3

宿主 Rabbit

经测试应用 适用于: WB, IHC-P, Flow Cyt (Intra)

不适用于: IP

种属反应性 与反应: Human

免疫原 Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

阳性对照 Human uterus cancer and colon cancer lysates; Human colon tissue.

常规说明 This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility

- Improved sensitivity and specificity

- Long-term security of supply

- Animal-free production

For more information see here.

Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to **RabMAb**® **patents**.

Rat: We have preliminary internal testing data to indicate this antibody may not react with this

species. Please contact us for more information.

#### 性能

形式 Liquid

存放说明 Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

存储溶液

Preservative: 0.01% Sodium azide

Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture

supernatant

纯度 Tissue culture supernatant

克隆 单克隆

**克隆编号** EPR3973

**同种型** IgG

#### 应用

## The Abpromise guarantee Abpromise™承诺保证使用ab109104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		1/1000 - 1/10000. Predicted molecular weight: 9 kDa.
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
Flow Cyt (Intra)		Use at an assay dependent concentration.

应用说明 Is unsuitable for IP.

靶标

功能 Involved in the maintenance and repair of the intestinal mucosa. Promotes the mobility of epithelial

cells in healing processes (motogen).

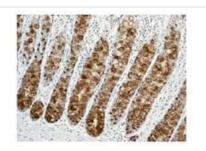
组织特异性 Expressed in goblet cells of the intestines and colon (at protein level). Expressed by goblet cells

of small and large intestinal epithelia and also by the uterus.

序列相似性 Contains 1 P-type (trefoil) domain.

细胞定位 Secreted > extracellular space > extracellular matrix > apical lamina.

### 图片



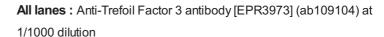
Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-Trefoil Factor 3 antibody [EPR3973] (ab109104)

Immunohistochemical analysis of Trefoil Factor 3 in paraffinembedded Human colon tissue using ab109104 at 1/500 dilution.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-Trefoil Factor 3 antibody [EPR3973] (ab109104)

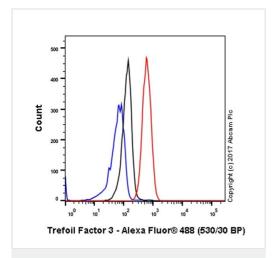


Lane 1 : Human uterus cancer lysate

Lane 2 : Human colon cancer lysate

Lysates/proteins at 10 µg per lane.

Predicted band size: 9 kDa



Flow Cytometry (Intracellular) - Anti-Trefoil Factor 3 antibody [EPR3973] (ab109104)

Intracellular Flow Cytometry analysis of HT-29 (human colorectal adenocarcinoma) cells labeling Trefoil Factor 3 with unpurified ab109104 at 1/100 dilution (10ug/ml) (red). Cells were fixed with 4% paraformaldehyde and permeabilised with 90% methanol. A Goat anti rabbit lgG (Alexa Fluorr® 488) (1/2000 dilution) was used as the secondary antibody. Rabbit monoclonal lgG (Black) was used as the isotype control, cells without incubation with primary antibody and secondary antibody (Blue) were used as the unlabeled control.



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

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.cn/abpromise or contact our technical team.

#### Terms and conditions

· Guarantee only valid for products bought direct from Abcam or one of our authorized distributors