

Anti-S100A10 antibody [EPR3317] - BSA and Azide free ab232524

重组 RabMAb

6 图像

概述

| | |
|--------------|---|
| 产品名称 | Anti-S100A10抗体[EPR3317] - BSA and Azide free |
| 描述 | 兔单克隆抗体[EPR3317] to S100A10 - BSA and Azide free |
| 宿主 | Rabbit |
| 特异性 | The mouse recommendation is based on the WB results. This antibody may not be suitable for IHC with mouse samples. |
| 经测试应用 | 适用于: IHC-P, WB 不适用于: Flow Cyt or ICC/IF |
| 种属反应性 | 与反应: Mouse, Human |
| 免疫原 | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers. |
| 阳性对照 | WB: HaCaT, A431, SW480, RAW264.7, NIH/3T3, and HT-29 cell lysates; IHC-P: Human squamous cell cervical carcinoma, colon tissue and human kidney tissue. |
| 常规说明 | <p>ab232524 is the carrier-free version of ab76472.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - 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](#).

性能

| | |
|------|---|
| 形式 | Liquid |
| 存放说明 | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| 存储溶液 | pH: 7.20 Constituent: PBS |
| 无载体 | 是 |
| 纯度 | Protein A purified |
| 克隆 | 单克隆 |
| 克隆编号 | EPR3317 |
| 同种型 | IgG |

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab232524 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 at an assay dependent concentration. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. See IHC antigen retrieval protocols . |
| WB | | Use at an assay dependent concentration. Predicted molecular weight: 11 kDa. |

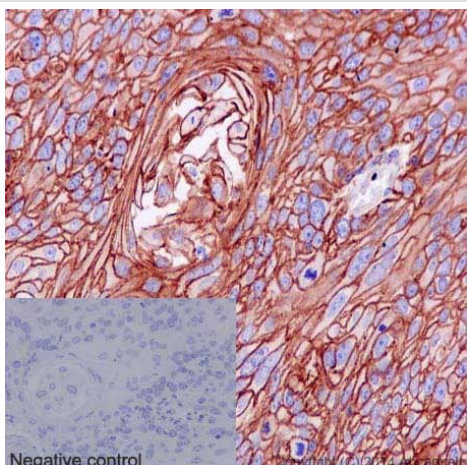
应用说明 Is unsuitable for Flow Cyt or ICC/IF.

靶标

功能 Because S100A10 induces the dimerization of ANXA2/p36, it may function as a regulator of protein phosphorylation in that the ANXA2 monomer is the preferred target (in vitro) of tyrosine-specific kinase.

序列相似性 Belongs to the S-100 family.

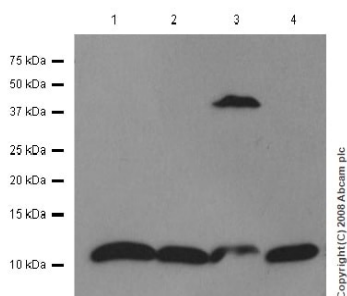
图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-S100A10 antibody [EPR3317] - BSA and Azide free (ab232524)

This data was developed using **ab76472**, the same antibody clone in a different buffer formulation.

Immunohistochemical staining of paraffin embedded human squamous cell cervical carcinoma with purified **ab76472** at a working dilution of 1 in 100. The secondary antibody used is a HRP polymer for rabbit IgG. The sample is counter-stained with hematoxylin. Antigen retrieval was performed using Tris-EDTA buffer, pH 9.0. PBS was used instead of the primary antibody as the negative control, and is shown in the inset.



Western blot - Anti-S100A10 antibody [EPR3317] - BSA and Azide free (ab232524)

All lanes : Anti-S100A10 antibody [EPR3317] (**ab76472**) at 1/10000 dilution (unpurified)

Lane 1 : HaCaT (Human skin keratinocyte) whole cell lysate

Lane 2 : A431 (Human epidermoid carcinoma epithelial cell) whole cell lysate

Lane 3 : SW480 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate

Lane 4 : HT-29 (Human colorectal adenocarcinoma epithelial cell) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

Predicted band size: 11 kDa

Observed band size: 13 kDa

Additional bands at: 40 kDa (possible non-specific binding)

Exposure time: 180 seconds

Blocking buffer: 5% NFDM/TBST

This data was developed using [ab76472](#), the same antibody clone in a different buffer formulation.

Lane 1 : Anti-S100A10 antibody [EPR3317] ([ab76472](#)) at 1/1000 dilution (purified)

Lane 2 : Anti-6X His tag® antibody [EPR20547] - ChIP Grade ([ab213204](#)) at 1/5000 dilution

All lanes : Recombinant Human S100A10 protein (His tag) ([ab221399](#))

Lysates/proteins at 0.01 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution

Predicted band size: 11 kDa

Observed band size: 13 kDa

Additional bands at: 25 kDa (possible dimer)

Exposure time: 3 seconds

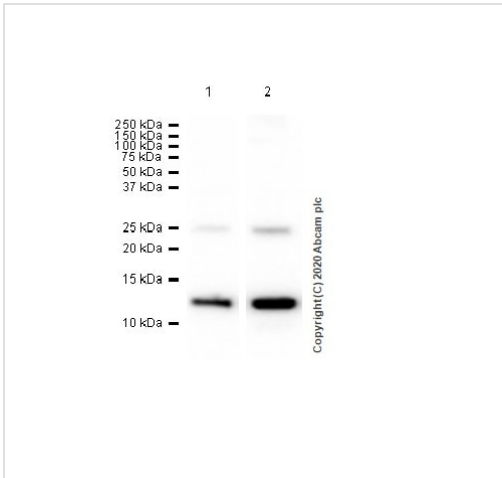
Blocking buffer: 5% NFDM/TBST

This data was developed using [ab76472](#), the same antibody clone in a different buffer formulation.

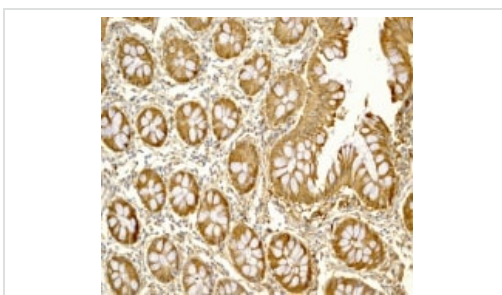
This data was developed using [ab76472](#), the same antibody clone in a different buffer formulation.

Unpurified [ab76472](#) at 1/100 dilution staining S100A10 in human colon tissue.

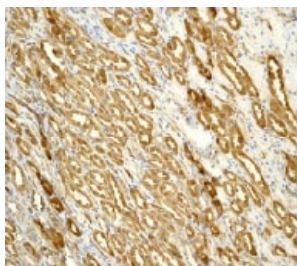
Perform heat mediated antigen retrieval before commencing with IHC staining protocol.



Western blot - Anti-S100A10 antibody [EPR3317] - BSA and Azide free ([ab232524](#))



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-S100A10 antibody [EPR3317] - BSA and Azide free ([ab232524](#))



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-S100A10 antibody [EPR3317] - BSA and Azide free (ab232524)

This data was developed using **ab76472**, the same antibody clone in a different buffer formulation.

Unpurified **ab76472** at 1/100 dilution staining S100A10 in human kidney tissue.

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

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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

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