abcam

Product datasheet

Anti-Cathepsin B antibody [EPR4323] - BSA and Azide free ab230401



重组 RabMAb

1 References 5 图像

概述

产品名称 Anti-Cathepsin B抗体[EPR4323] - BSA and Azide free

描述 兔单克隆抗体[EPR4323] to Cathepsin B - BSA and Azide free

宿主 Rabbit

经测试应用 适用于: WB, ICC/IF, IHC-P

不适用于: Flow Cyt or IP

种属反应性 与反应: Human

不与反应: Mouse, Rat

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

阳性对照 Human kidney and papillary carcinoma tissues; HeLa cells; HT1080, A375, SW480 and A549 cell

line lysates.

常规说明 ab230401 is the carrier-free version of ab125067.

> 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.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cellbased assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

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.

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.

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

纯**度** Protein A purified

克隆 单克隆

克隆编号 EPR4323

同种型 IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab230401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		Use at an assay dependent concentration. Predicted molecular weight: 38 kDa.
ICC/IF		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

应用说明 Is unsuitable for Flow Cyt or IP.

靶标

功能 Thiol protease which is believed to participate in intracellular degradation and turnover of

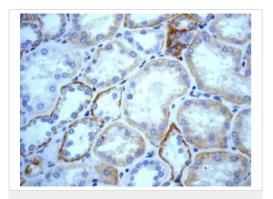
proteins. Has also been implicated in tumor invasion and metastasis.

序列相似性 Belongs to the peptidase C1 family.

细胞定位 Lysosome. Melanosome. Identified by mass spectrometry in melanosome fractions from stage I

to stage IV.

图片

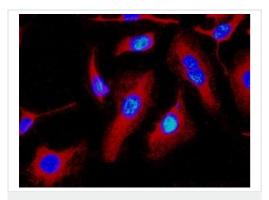


Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-Cathepsin B antibody
[EPR4323] - BSA and Azide free (ab230401)

ab125067, at a 1/50 dilution, staining Cathepsin B in paraffinembedded Human kidney tissue by immunohistochemistry.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab125067).

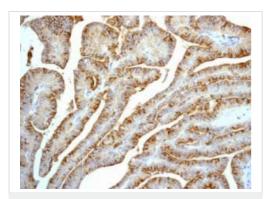
Heat mediated antigen retrieval was performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Cathepsin B antibody [EPR4323] - BSA and Azide free (ab230401)

<u>ab125067</u>, at a 1/50 dilution, staining Cathepsin B (red) in HeLa cells by immunofluorescence. DNA is marked in blue.This data was developed using the same antibody clone in a

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab125067).



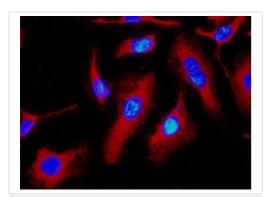
Immunohistochemistry (Formalin/PFA-fixed paraffinembedded sections) - Anti-Cathepsin B antibody

[EPR4323] - BSA and Azide free (ab230401)

This IHC data was generated using the same anti-Cathepsin B antibody clone, EPR4323, in a different buffer formulation (cat# <u>ab125067</u>).

ab125067, at a 1/50 dilution, staining Cathepsin B in paraffinembedded Human papillary carcinoma tissue by immunohistochemistry.

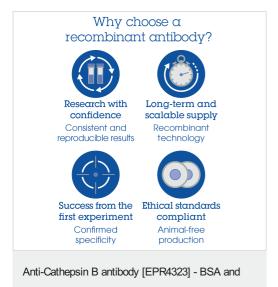
Heat mediated antigen retrieval was performed with citrate buffer pH 6 before commencing with IHC staining protocol.



Immunocytochemistry/ Immunofluorescence - Anti-Cathepsin B antibody [EPR4323] - BSA and Azide free (ab230401)

This ICC data was generated using the same anti-Cathepsin B antibody clone, EPR4323, in a different buffer formulation (cat# <u>ab125067</u>).

<u>ab125067</u>, at a 1/50 dilution, staining Cathepsin B (red) in HeLa cells by immunofluorescence. DNA is marked in blue.



,

Azide free (ab230401)

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