abcam

Product datasheet

Anti-SGLT2 antibody [3G8] ab58298

★★★★★ 2 Abreviews 3 References 2 图像

概述

产品名称 Anti-SGLT2抗体[3G8]

描述 小鼠单克隆抗体[3G8] to SGLT2

宿主 Mouse

经测试应用 适用于: WB, Flow Cyt

种属反应性 与反应: Human, Recombinant fragment

免疫原 Recombinant fragment: GLFDKYLGAA TSLTVSEDPA VGNISSFCYR PRPDSYHLLR

HPVTGDLPWP, corresponding to amino acids 228-278 of Human SGLT2

Run BLAST with EXPASY Run BLAST with S NCBI

常规说明 This product was changed from ascites to tissue culture supernatant on 12/3/19. Please note that

the dilutions may need to be adjusted accordingly. If you have any questions, please do not

hesitate to contact our scientific support team.

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.

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

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: 7.40

Constituent: PBS

纯度 Tissue culture supernatant

 克隆
 单克隆

 克隆编号
 3G8

 同种型
 IgG2a

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应用

The Abpromise guarantee Abpromise™承诺保证使用ab58298于以下的经测试应用

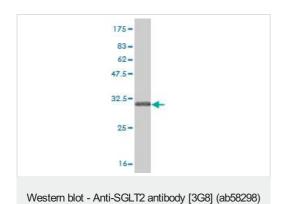
"应用说明"部分下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 73 kDa. This antibody has only been tested in WB against the recombinant fragment used as immunogen. We have no data on the detection of endogenous protein.
Flow Cyt		Use at an assay dependent concentration. <u>ab170191</u> - Mouse monoclonal lgG2a, is suitable for use as an isotype control with this antibody.

靶标

功能	Sodium-dependent glucose transporter. Has a Na(+) to glucose coupling ratio of 1:1. Efficient substrate transport in mammalian kidney is provided by the concerted action of a low affinity high capacity and a high affinity low capacity Na(+)/glucose cotransporter arranged in series along kidney proximal tubules.
疾病相关	Defects in SLC5A2 are the cause of renal glucosuria (GLYS1) [MIM:233100]. GLYS1 is an autosomal recessive disorder characterized by a normal fasting serum glucose concentration and persistent isolated glucosuria, with a normal glucose tolerance test.
序列相似性	Belongs to the sodium:solute symporter (SSF) (TC 2.A.21) family.
细 胞定位	Membrane.

图片



Western blot against tagged recombinant protein immunogen using ab58298 SGLT2 antibody at 1ug/ml. Predicted band size of immunogen is 32 kDa

This image was generated using the ascites version of the product.

Flow Cytometry - Anti-SGLT2 antibody [3G8] (ab58298)

Overlay histogram showing HEK293 cells stained with ab58298 (red line). The cells were fixed with 80% methanol (5 min) and 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 (ab58298, $1\mu g/1x10^6$ cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat antimouse lgG (H+L) (ab96879) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse lgG2a [ICIGG2A] (ab91361, $1\mu g/1x10^6$ cells) used under the same conditions. Acquisition of >5,000 events was performed.

Please note that Abcam do not have any data for use of this antibody on non-fixed cells. We welcome any customer feedback.

This image was generated using the ascites version of the product.

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

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- Replacement or refund for products not performing as stated on the datasheet
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- 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.

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