abcam

Product datasheet

Anti-Matrix protein 1 antibody [GA2B] ab22396

★★★★★ 2 Abreviews 24 References 1 图像

概述

产品名称	Anti-Matrix蛋白1抗体[GA2B]
描述	**小鼠单克隆抗体**[GA2B] to Matrix蛋白1
宿主	Mouse
经测试应用	**适用于:** Flow Cyt, IHC-P, WB, ICC/IF
种属反应性	**与反应:** Influenza A
免疫原	Tissue, cells or virus corresponding to Matrix protein 1. Influenza A/ Puerto Rico/ 8/ 34 (H1N1) and A/Bangkok/ 1/ 79 (H3N2) viruses
常规说明	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. Avoid freeze / thaw cycles.
存储溶液	pH: 7.50 Preservative: 0.09% Sodium azide Constituent: PBS
纯度	SDS-PAGE
纯化说明	>90% IgG content as established by SDS PAGE
克隆	单克隆
克隆编号	GA2B
骨髓瘤	P3x63-Ag8.653
同种型	IgG1

应用

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab22396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
Flow Cyt	★★★★☆ (1)	Use at an assay dependent concentration. PubMed: 20413723 **ab170190** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
IHC-P		Use at an assay dependent concentration.
WB	★★★★★ (1)	Use at an assay dependent concentration.
ICC/IF		1/100.

靶标

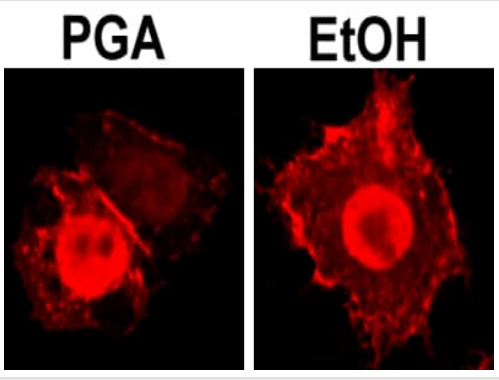
相关性

Influenza virus type A matrix protein, also known as M1, is composed of a 252 amino acid sequence and is type-specific in influenza viruses. It is located inside the viral lipid envelope and plays a key role in virus assembly and replication. M1 can be isolated from particles by removing the envelope with detergents and reducing the pH to 4.0. Influenza viruses are a common and widely spread infectious agent. Like many other viruses, influenza virus are constantly undergoing mutations and thereby avoiding the immune system. The Influenza A Virus M proteins form a continuous shell on the inner side of the lipid bilayer, maintaining the structural integrity of the virus particle through hydrophobic interactions.

细胞定位

Cytoplasmic

图片



Immunocytochemistry/ Immunofluorescence - Anti-Matrix protein 1 antibody [GA2B] (ab22396)

Image from Chase GP et al., PLoS Pathog. 2011 Sep;7(9):e1002187. Epub 2011 Sep 1.Fig 4.; doi:10.1371/journal.ppat.1002187; September 1, 2011, PLoS Pathog 7(9): e1002187.

Immunofluorescence analysis of HeLa cells staining Influenza A Virus M1 using ab22396.

Cells were treated with either 20 µg/ml Prostaglandin A (PGA) or EtOH vehicle control, 3 hours post infection by Influenza A Virus, then fractionated at 9 hours post infection before analysis by immunofluorescence.

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