abcam

Product datasheet

Anti-Matrix protein 1 antibody [GA2B] ab22396

★★★★★ 2 Abreviews 24 References 画像数 1

製品の概要

製品名	Anti-Matrix protein 1 antibody [GA2B]
製品の詳細	Mouse monoclonal [GA2B] to Matrix protein 1
由来種	Mouse
アプリケーション	**適用あり:** Flow Cyt, IHC-P, WB, ICC/IF
種交差性	**交差種:** 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
特記事項	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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.50 Preservative: 0.09% Sodium azide Constituent: PBS
精製度	SDS-PAGE
特記事項（精製）	>90% IgG content as established by SDS PAGE
ポリ/モノ	モノクローナル
クローン名	GA2B
ミエローマ	P3x63-Ag8.653
アイソタイプ	IgG1

アプリケーション

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab22396の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

ターゲット情報

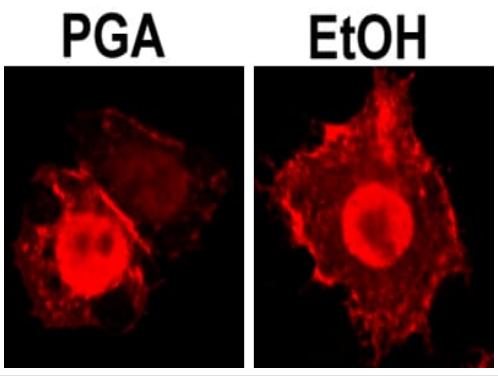
関連性

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.

細胞内局在

Cytoplasmic

画像



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.

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