

Product datasheet

Anti-Influenza A Virus M2 Protein antibody ab56086

1 Abreviews 4 References

概述

产品名称	抗甲型流感Virus M2蛋白抗体
描述	兔多克隆抗体to甲型流感Virus M2蛋白
宿主	Rabbit
经测试应用	适用于: WB, ELISA
种属反应性	与反应: Influenza A
免疫原	A synthetic peptide corresponding to N terminal residues of Influenza A Virus M2 Protein

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	Preservative: 0.01% Sodium Azide Constituents: 50% Glycerol, PBS
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab56086** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		
ELISA		

应用说明	ELISA: Use at an assay dependent dilution. WB: Use at an assay dependent concentration. Predicted molecular weight: 11 kDa.
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Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

相关性

The Matrix protein M2 forms a protons channel. When the environmental pH is lower than a threshold, the M2 channel is activated and selectively transports protons accross the membrane from the extracellular side to the cytoplasmic side. It is crucial for the uncoating process. When the virion is internalized into the endosome the channel can acidify the virion interior, promoting the dissociation of the viral matrix protein (M1) from the ribonucleoprotein (RNP) thus allowing the transport of the RNP from the virion into the cell's nucleus. For some influenza virus subtypes, the M2 channel can elevate the intravesicular pH of the trans Golgi network, preventing the viral protein haemagglutinin, which is transported to the cell surface through the trans Golgi network, from incorrect maturation in an otherwise low pH environment.

细胞定位

Virion membrane. Apical cell membrane; Single-pass type III membrane protein.

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