abcam

Product datasheet

# Anti-Avian Influenza Nucleoprotein antibody ab22285

**4 References** 1 图像

## 概述

| | |
|---|---|
| **产品名称** | Anti-Avian Influenza Nucleoprotein抗体 |
| **描述** | 兔多克隆抗体to Avian Influenza Nucleoprotein |
| **宿主** | Rabbit |
| **经测试应用** | **适用于:** ELISA, ICC/IF |
| **种属反应性** | **与反应:** Influenza A |
| **免疫原** | Synthetic peptide, corresponding to amino acids 428-441 of Avian Influenza Nucleoprotein |
| **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.<br>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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. |
| **存储溶液** | Preservative: 0.05% Sodium azide<br>Constituents: PBS, 0.05% BSA |
| **纯度** | Protein G purified |
| **克隆** | 多克隆 |
| **同种型** | IgG |

## 应用

| | |
|---|---|
| **The Abpromise guarantee** | **Abpromise™承诺保证使用ab22285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 |
|---|---|---|
| **ELISA** | | Use a concentration of 0.1 - 1 µg/ml. |
| **ICC/IF** | | 1/10. |

## 靶标

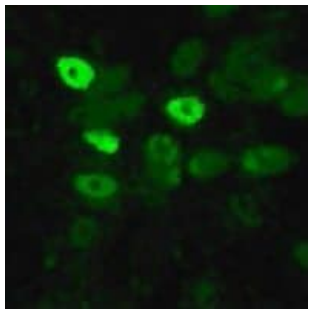
**相关性**

Encapsidates the negative strand viral RNA, protecting it from nucleases. The encapsidated genomic RNA is termed the ribonucleoprotein (RNP) and serves as template for transcription and replication. The RNP needs to be localized in the nucleus to start an infectious cycle, but is too large to diffuse through the nuclear pore complex. NP comprises at least 2 nuclear localization signals and is responsible of the active RNP import into the nucleus through the cellular importin alpha/beta pathway. Later in the infection, nucleus export of RNP are mediated through viral proteins NEP interacting with M1 which binds nucleoproteins. It is possible that the nucleoprotein binds directly exportin-1 (XPO1) and plays an active role in RNP nuclear export. M1 interaction with RNP seems to hide nucleoprotein's nuclear localization signals. Soon after a virion infects a new cell, M1 dissociates from the RNP under acidification of the virion driven by M2 protein. Dissociation of M1 from RNP unmask nucleoprotein's nuclear localization signals, targeting the RNP to the nucleus

**细胞定位**

Nuclear

## 图片



Immunocytochemistry/ Immunofluorescence - Anti-Avian Influenza Nucleoprotein antibody (ab22285)

Image Courtesy of Catherine Thompson, The University of Reading

Immunofluoroscence staining of influenza−infected MDCK cells using ab22285 at 1:10 dilution.



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- 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.

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