

Anti-Avian Influenza Nucleoprotein antibody ab22285

4 References [画像数 1](#)

製品の概要

製品名	Anti-Avian Influenza Nucleoprotein antibody
製品の詳細	Rabbit polyclonal to Avian Influenza Nucleoprotein
由来種	Rabbit
アプリケーション	適用あり: ELISA, ICC/IF
種交差性	交差種: Influenza A
免疫原	Synthetic peptide, corresponding to amino acids 428-441 of Avian Influenza Nucleoprotein
特記事項	<p>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.</p> <p>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</p>

製品の特性

製品の状態	Liquid
保存方法	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.
バッファー	Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
精製度	Protein G purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

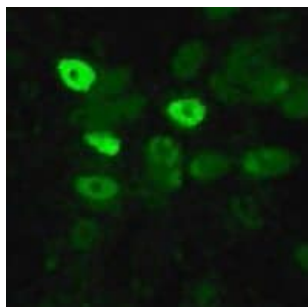
The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab22285の使用に適用されます**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
ELISA		Use a concentration of 0.1 - 1 µg/ml.
ICC/IF		1/10.

ターゲット情報

関連性	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
細胞内局在	Nuclear

画像



Immunofluorescence staining of influenza-infected MDCK cells using ab22285 at 1:10 dilution.

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

Image Courtesy of Catherine Thompson, The University of Reading

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