Product datasheet

Anti-Influenza A Virus Nucleoprotein antibody [F8] ab67428

1 References

Overview

Product name
Anti-Influenza A Virus Nucleoprotein antibody [F8]

Description
Mouse monoclonal [F8] to Influenza A Virus Nucleoprotein

Host species
Mouse

Specificity
ab67428 recognises influenza virus type A nucleoprotein. The antibody binds to a conserved epitope on the nucleoprotein that is common for influenza A (H1N1), (H3N3) and other influenza A viruses. It does not cross react with influenza virus type B.

Tested applications
Suitable for: ELISA, IHC-Fr

Species reactivity
Reacts with: Influenza A

Immunogen
Purified influenza virus type A (H1N1)

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Storage buffer
Preservative: 0.09% Sodium Azide
 Constituents: PBS, pH 7.4

Purity
Protein G purified

Clonality
Monoclonal

Clone number
F8

Myeloma
Sp2/0

Isotype
IgG2a

Applications

Our Abpromise guarantee covers the use of ab67428 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
The nucleoprotein (NP) of Influenza virus encapsulates the negative strand of the viral RNA and is essential for replicative transcription. It may also be involved in other essential functions throughout the virus life cycle. As well as binding ssRNA, NP is able to self associate to form large oligomeric complexes. NP is able to interact with a variety of other macromolecules of both viral and cellular origins. It binds the PB1 and PB2 subunits of the polymerase and the matrix protein M1. "NP has also been shown to interact with at least four cellular polypeptide families: nuclear import receptors of the importin class, filamentous (F) actin, the nuclear export receptor CRM1 and a DEAD box helicase BAT1/UAP56" (Portela et al 2002).

**Cellular localization**

Host cell nucleus

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"