

Influenza A Virus Nucleoprotein H1N1 Mouse mAb

Catalog No: #62142



Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

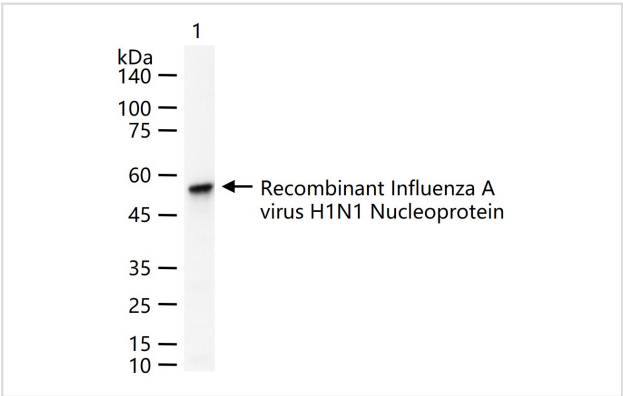
Description

Product Name	Influenza A Virus Nucleoprotein H1N1 Mouse mAb
Brief Description	Mouse Monoclonal
Host Species	Mouse
Clonality	Monoclonal
Purification	The antibody was affinity purified by Protein A.
Applications	WB
Species Reactivity	Influenza A Nucleoprotein
Immunogen Type	Protein
Immunogen Description	Recombinant Influenza A virus H1N1(A/Victoria/4897/2022)Nucleoprotein
Target Name	Influenza A Virus Nucleoprotein H1N1
Calculated MW	57kDa
Concentration	1mg/ml
Formulation	Liquid in 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Storage	Store at +4°C for short term. Store at -20°C for long term. Avoid freeze/thaw cycle.

Application Details

WB 1:500-2000

Images



All lanes : Influenza A Virus Nucleoprotein H1N1 Mouse mAb
at 1/1k dilution
Lane 1: rInfluenza A virus
H1N1(A/Victoria/4897/2022)Nucleoprotein-His protein
proteins at 20ng per lane.
Predicted band size: 57 kDa
Observed band size: 57 kDa
Exposure time: 10 seconds

Background

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).

Note: This product is for in vitro research use only