

## Influenza A virus M2 (matrix protein) antibody

## Cat. No. GTx125951

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, EM
Reactivity	Influenza A virus

References ( 42 )

 Review ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
EM	Assay dependent

Not tested in other applications.

Calculated MW 11 kDa. ([Note](#))

## Properties

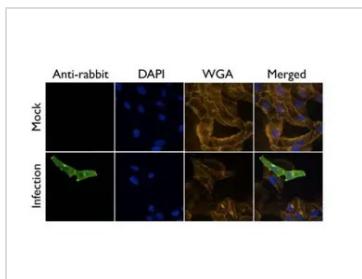
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1.51 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein corresponding to Influenza A virus M2 (matrix protein) (A/Puerto Rico/8/1934(H1N1). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
Note	Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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## DATA IMAGES



## GTX125951 ICC/IF Image

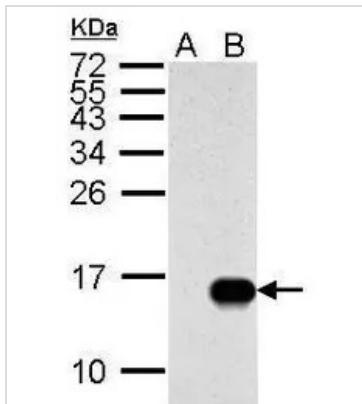
Influenza A Virus M2 antibody detects M2 protein at by immunofluorescent analysis.

Sample: A/WSN/33 infected Vero cells were fixed in 4% paraformaldehyde at RT for 20 min.

Green: M2 protein stained by Influenza A Virus M2 antibody (GTX125951) diluted at 1:500.

Blue: DAPI staining.

Yellow: WGA life stained at 37°C, 30 min.



## GTX125951 WB Image

Sample (50 µg of whole cell lysate)

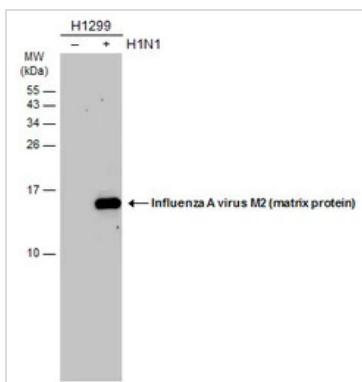
A: mock DF-1 cell lysates

B: WSN-infected DF-1 cell lysates

15% SDS PAGE

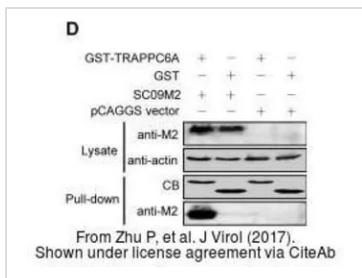
GTX125951 diluted at 1:5000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX125951 WB Image

Non-infected (-) and infected (+) H1299 whole cell extracts (15 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Influenza A virus M2 (matrix protein) antibody (GTX125951) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



## GTX125951 WB Image

The data was published in the journal J Virol in 2017. [PMID: 27795429](https://pubmed.ncbi.nlm.nih.gov/27795429/)



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