

## 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

## Note

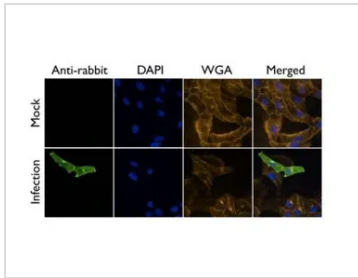
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DATA IMAGES



**GTX125951 ICC/IF Image**

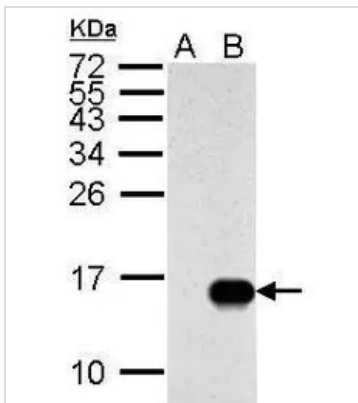
Influenza A Virus M2 antibody detects M2 protein at by immunofluorescent analysis.

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)

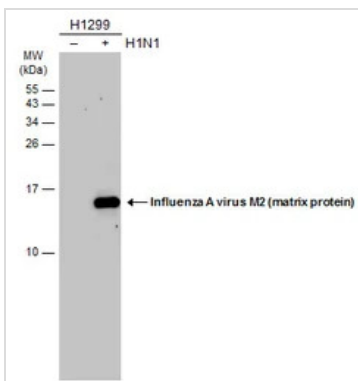
A: mock DF-1 cell lysates

B: WSN-infected DF-1 cell lysates

15% SDS PAGE

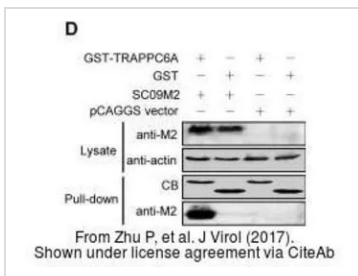
GTX125951 diluted at 1:5000

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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