

Influenza A virus H1N1 HA (Hemagglutinin) antibody [GT223]

Cat. No. GTX629750

| | |
|--------------|--------------------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | WB, ICC/IF |
| Reactivity | Influenza A virus (H1N1) |

 Review (1)

Package

100 µl, 25 µl

Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:3000 |
| ICC/IF | 1:100-1:1000 |

Not tested in other applications.

Product Note

This antibody detects HA protein of Influenza A virus H1N1, H5N1, H5N3, and H5N8 and does not cross react with HA protein of Influenza A virus H3N2, Avian Influenza A virus H7N7, H9N2, H10N3, and Influenza B virus.

Properties

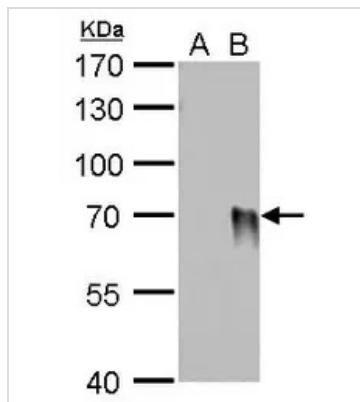
| | |
|---------------|--|
| Form | Liquid |
| Buffer | PBS, 20% Glycerol |
| Preservative | No preservatives |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the C-terminus region of Influenza A virus H1N1 HA (Hemagglutinin) (A/WSN/1933(H1N1). The exact sequence is proprietary. |
| Purification | Affinity purified by Protein G. |
| Conjugation | Unconjugated |
| Note | For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. |
| | 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



GTX629750 WB Image

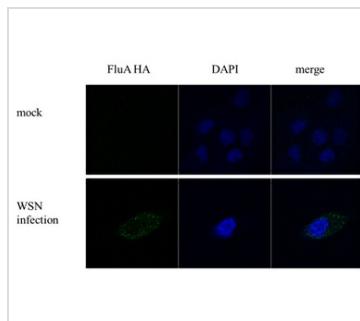
Influenza A Virus H1N1 Hemagglutinin (HA) antibody [GT223] detects Influenza A Virus H1N1 Hemagglutinin (HA) protein by Western blot analysis.

A. 5 µg DF1 whole cell lysate/extract

B. 5 µg whole cell lysate/extract of Influenza A (WSN) infected DF1 cells

7.5 % SDS-PAGE

Influenza A Virus H1N1 Hemagglutinin (HA) antibody [GT223] (GTX629750) dilution: 1:1000



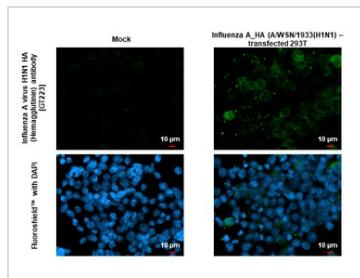
GTX629750 ICC/IF Image

Influenza A Virus H1N1 Hemagglutinin (HA) antibody [GT223] detects Influenza A Virus H1N1 Hemagglutinin (HA) protein by immunofluorescent analysis.

Sample: DF1 cells infected with Influenza A virus (WSN) .

Green: Influenza A Virus H1N1 Hemagglutinin (HA) protein stained by Influenza A Virus H1N1 Hemagglutinin (HA) antibody [GT223] (GTX629750) diluted at 1:500.

Blue: Hoechst 33342 staining.



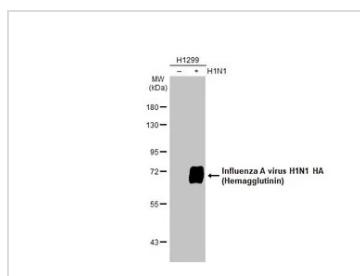
GTX629750 ICC/IF Image

Influenza A virus H1N1 HA (Hemagglutinin) antibody [GT223] detects Influenza A virus H1N1 HA (Hemagglutinin) protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in ice-cold MeOH for 5 min.

Green: Influenza A virus H1N1 HA (Hemagglutinin) stained by Influenza A virus H1N1 HA (Hemagglutinin) antibody [GT223] (GTX629750) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



GTX629750 WB Image

Non-infected (-) and infected (+) H1299 whole cell extract were separated by 7.5% SDS-PAGE, and the membrane was blotted with Influenza A virus H1N1 HA (Hemagglutinin) antibody [GT223] (GTX629750) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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