

## Avian Influenza A virus H5N8 HA (Hemagglutinin) antibody [HL1550]

Cat. No. GTX637025

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ELISA, IHC-P (cell pellet)
Reactivity	Avian Influenza A virus

Package  
100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

## Product Note

This antibody is specific for Avian Influenza A virus H5N8 HA protein, and it does not cross-react with HA protein of Influenza A virus H1N1 and H3N2, Avian Influenza A virus H5N1, H5N3, H7N7, H9N2, and H10N3, and Influenza B virus. The immunogen shares over 95% identity with HA protein of H5N1 clade 2.3.4.4b.

## Properties

Form	Liquid
Buffer	PBS
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 center region of Influenza A virus H5N8 HA (Hemagglutinin) (A/Astrakhan/3212/2020)). The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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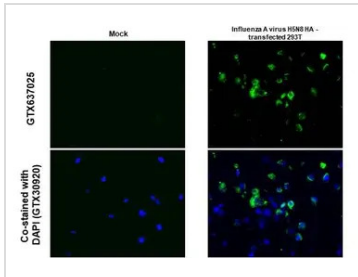
Date 2026 / 02 / 03 Page 1 of 2

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

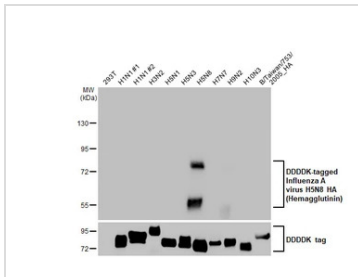
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#### DATA IMAGES



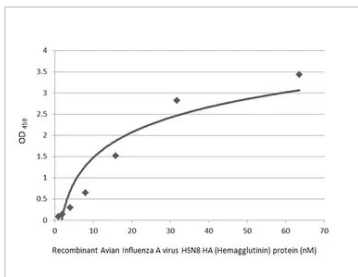
#### GTX637025 IHC-P (cell pellet) Image

Avian Influenza A virus H5N8 HA (Hemagglutinin) antibody [HL1550] detects Avian Influenza A virus H5N8 HA (Hemagglutinin) protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded mock and Avian Influenza A virus H5N8 HA - transfected 293T cell pellet. Green: Avian Influenza A virus H5N8 HA (Hemagglutinin) stained by Avian Influenza A virus H5N8 HA (Hemagglutinin) antibody [HL1550] (GTX637025) diluted at 1:1000. Blue: Fluoroshield with DAPI (GTX30920). Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



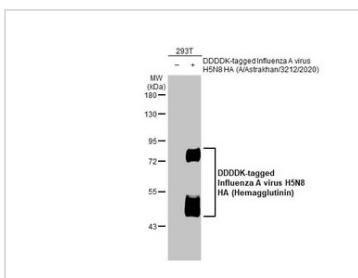
#### GTX637025 WB Image

Non-transfected and transfected 293T whole cell extracts were separated by 7.5% SDS-PAGE, and the membrane was blotted with Avian Influenza A virus H5N8 HA (Hemagglutinin) antibody [HL1550] (GTX637025) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



#### GTX637025 ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant HEK293 expressed, full-length Avian Influenza A virus H5N8 HA (Hemagglutinin) protein (63.49-0.99 nM). Coated protein was probed with Avian Influenza A virus H5N8 HA (Hemagglutinin) antibody [HL1550] (GTX637025) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



#### GTX637025 WB Image

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Avian Influenza A virus H5N8 HA (Hemagglutinin) antibody [HL1550] (GTX637025) diluted at 1:100000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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