Influenza A virus Nucleoprotein antibody [HL1078]

Cat. No. GTX636199

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA
Reactivity	Influenza A virus

References (3)

Review (1)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX636199 / GTX637790, Detection : GTX637790 / GTX636199.
Please notice that the detection antibodies need to be conjugated to Gold to function when paired with capture antibodies. Please contact us for custom Gold-conjugated antibody.
Capture : GTX636318 / GTX636199, Detection : GTX636199 / GTX636318. Please notice that GTX636199 / GTX636318 needs to be conjugated to HRP to function as the detection antibody when paired with GTX636318 / GTX636199. A Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Product Note	This antibody is specific for Influenza A virus Nucleoprotein protein (H1N1, H3N2, H5N8, and H10N3), and it does not cross-react with Influenza B virus Nucleoprotein protein.

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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)

For full product information, images and publications, please visit our website.

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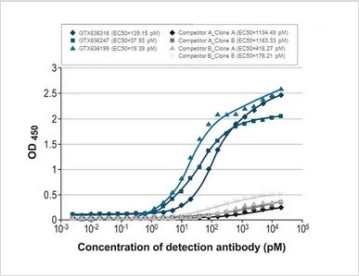
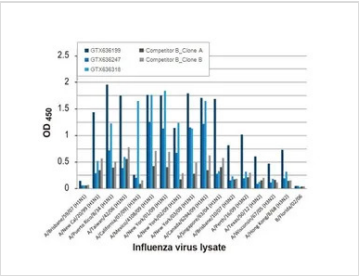
Immunogen	Recombinant protein encompassing a sequence within the center region of Influenza A virus Nucleoprotein (A/Kansas/14/2017(H3N2)). The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, 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.

DATA IMAGES



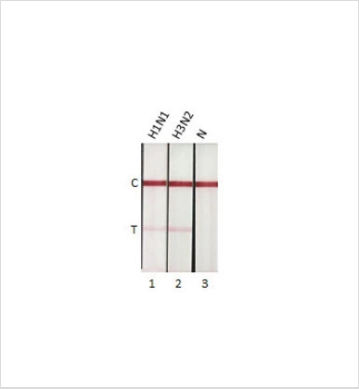
GTX636199 ELISA Image

Indirect ELISA analysis was performed by coating a plate with recombinant influenza A virus nucleoprotein (A/Kansas/2017/H3N2), DDDDK Tag (GTX135903-pro) (50 ng), and probing with the specified influenza A virus nucleoprotein antibodies at the indicated concentrations. Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) or goat anti-mouse IgG antibody (HRP) (GTX213111-01) (1:10000) were used to detect the bound primary antibodies.



GTX636199 ELISA Image

Indirect ELISA analysis was performed by coating a plate with viral lysates (1 µg) derived from different strains of influenza A virus or influenza B virus and probing with the specified influenza A virus nucleoprotein antibodies (1 µg/ml). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) or goat anti-mouse IgG antibody (HRP) (GTX213111-01) (1:10000) were used to detect the bound primary antibodies.



GTX636199 Lateral Flow Image

Detection of influenza A virus nucleoprotein by lateral flow assay using the monoclonal antibody pair.

Capture: Influenza A virus Nucleoprotein antibody (GTX636199 [HL1078])
Detection: Influenza A virus Nucleoprotein antibody (GTX637790 [HL1953])

Samples (1 ng) :
1. Influenza A virus Nucleoprotein (A/California/2009 (H1N1)) (GTX135904-pro)
2. Influenza A virus Nucleoprotein (A/Hong Kong/2671/2019 (H3N2)) (GTX136317-pro)
3. Lysis buffer

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