Influenza A virus Nucleoprotein antibody [GT1236]

Cat. No. GTX629633

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Applications	WB, ICC/IF, IHC-Fr, ELISA, Sandwich ELISA
Reactivity	Influenza A virus

References (14)
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
IHC-Fr	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX125989 / GTX642544 / GTX636247 / GTX636318 / GTX636282, Detection : GTX629633 or Capture : GTX629633, Detection : GTX125989.

Not tested in other applications.

Calculated MW	56 kDa. (Note)
Product Note	This antibody can recognize Nucleoprotein protein of Influenza A virus H1N1 and H3N2, minor cross react with Nucleoprotein protein of Avian Influenza A virus H5N8 strain Astrakhan/3212/2020/H5N8, and does not cross react with Nucleoprotein protein of Influenza B virus. The validated Influenza A virus strains for each application may differ. Please refer to the validated data.

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.)
Immunogen	Recombinant protein of Influenza A virus Nucleoprotein (A/WSN/1933(H1N1). The exact sequence is proprietary.

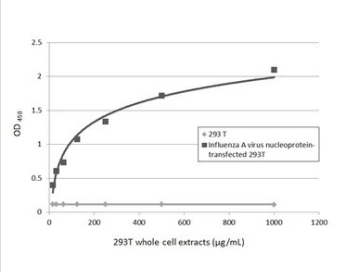
For full product information, images and publications, please visit our website.

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

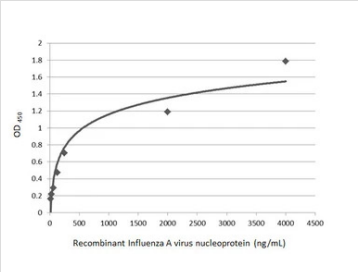
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



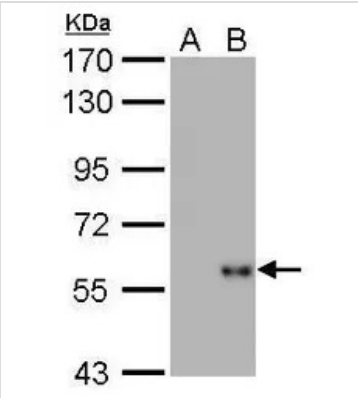
GTX629633 ELISA Image

Sandwich ELISA detection of non-transfected and Influenza A virus nucleoprotein transfected 293T whole cell extracts using Influenza A virus NP (nucleoprotein) antibody [GT1236] (GTX629633) as capture antibody at concentration of 5 µg/mL and Influenza A virus NP (nucleoprotein) antibody (GTX125989) as detection antibody at concentration of 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



GTX629633 ELISA Image

Sandwich ELISA detection of recombinant full-length Influenza A virus NP (nucleoprotein) protein, DDDDK tag (GTX135868-pro) using Influenza A virus NP (nucleoprotein) antibody [GT1236] (GTX629633) as capture antibody at concentration of 5 µg/mL and Influenza A virus NP (nucleoprotein) antibody (GTX125989) as detection antibody at concentration of 1 µg/mL. Rabbit IgG antibody (HRP) (GTX213110-01) was diluted at 1:10000 and used to detect the primary antibody.



GTX629633 WB Image

Influenza A Virus NP antibody [GT1236] detects Influenza A Virus NP protein by Western blot analysis.
A. 5 µg DF1 whole cell lysate/extract
B. 5 µg whole cell lysate/extract of WSN virus infected DF1 cells (10 hr)
7.5 % SDS-PAGE
Influenza A Virus NP antibody [GT1236] (GTX629633) dilution: 1:5000

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