

Product Datasheet

Influenza A nucleoprotein Antibody (010) - Azide and BSA Free NBP3-12741

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-12741

Influenza A nucleoprotein Antibody (010) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	010
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

Product Description	
Description	This antibody can be stored at 2-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Species	Influenza A Virus H3N2
Reactivity Notes	Pan Influenza A Has cross-reactivity in ELISA with: H1N1 (A/Brevig Mission/1/1918) NP H1N1 (A/Brisbane/02/2018) NP H1N1 (A/California/07/2009) NP H1N1 (A/Guangdong-Maonan/SWL1536/2019) NP H1N1 (A/Hawaii/70/2019) NP H1N1 (A/Michigan/45/2015) NP H1N1 (A/Puerto Rico/8/34/Mount Sinai) NP (I116M) H1N1 (A/Victoria/2570/2019)/(A/Wisconsin/588/2019) NP H2N2 (A/Ann Arbor/6/1960) NP H3N2 (A/Aichi/2/1968) NP H3N2 (A/Cambodia/e0826360/2020 (H3N2)-like NP H3N2 (A/Hong Kong/1/1968) NP H3N2 (A/Hong Kong/2671/2019) NP H3N2 (A/Hong Kong/45/2019) NP H3N2 (A/Hong Kong/4801/2014) NP H3N2 (A/Kansas/14/2017) NP H3N2 (A/Switzerland/9715293/2013) NP H7N9 (A/Anhui/1-BALF_RG6/2013) NP H7N9 (A/Shanghai/2/2013) NP Influenza B (B/Phuket/3073/2013) NP Influenza B (B/Brisbane/60/2008) NP Influenza B (B/Colorado/06/2017) NP No cross-reactivity in ELISA with: Influenza B (B/Florida/4/2006) NP Influenza B (B/Washington/02/2019) NP SARS-CoV-2 Nucleocapsid Protein HCoV-229E Nucleocapsid Protein HCoV-NL63 Nucleocapsid Protein HCoV-HKU1 Nucleocapsid Protein HCoV-OC43 Nucleocapsid Protein
Specificity/Sensitivity	Widely recognize Influenza A Nucleoprotein
Immunogen	This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A H3N2 (Uniprot#: P22435.2; Met1-Asn498).

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 0.1-1 ug/mL, ELISA 0.1-0.2 ug/mL

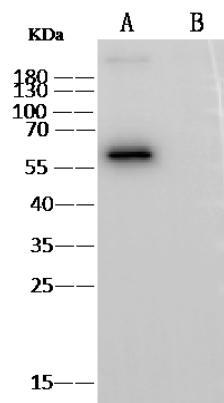


Images

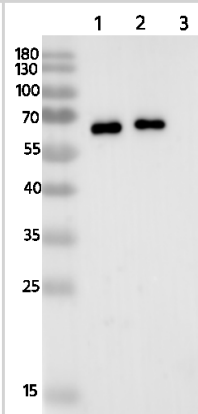
Western Blot: Influenza A nucleoprotein Antibody (010) [NBP3-12741] -
Recombinant Protein 10 ng



NBP3-12741 used at 1 ug/mL. Lane A: H3N2 (A/Darwin/9/2021)/
(A/Darwin/6/2021) NP Protein. Lane B: Influenza B
(B/Austria/1359417/2021) NP Protein. Secondary Goat Anti-Rabbit IgG
(H+L)[HRP] used at at 1/10000 dilution. Developed using the ECL
technique. Performed under reducing conditions.



Western Blot: Influenza A nucleoprotein Antibody (010) [NBP3-12741] -
NBP3-12741 in 1ug/mL. Sample: Recombinant Protein 10 ng Lane 1:
Influenza A H5N1 Nucleoprotein (A/Texas/37/2024) Lane 2: Influenza A
H1N1 Nucleoprotein (A/Brevig Mission/1/1918) Lane 3: Influenza B
Nucleoprotein (B/Phuket/3073/2013) Secondary Goat Anti-Rabbit IgG (H
+L) [HRP] at 1/10000 dilution Developed using the ECL technique.
Performed under reducing conditions.





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Products Related to NBP3-12741

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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