

Pan Influenza A Nucleoprotein Recombinant Antibody

Pan Influenza A Nucleoprotein Antibody, Rabbit Mab

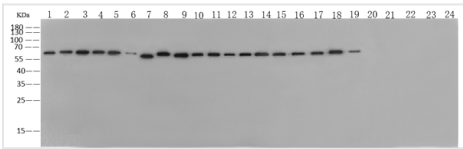
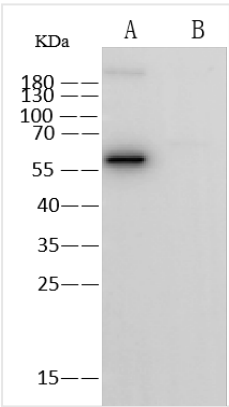
CATALOG # AAA259165	HOST Rabbit	REACTIVITY Pan Influenza A	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Pan Influenza A Nucleoprotein; Monoclonal Recombinant Antibody; Pan Influenza A Nucleoprotein Antibody; Rabbit Mab; Anti-NP Antibody; Pan Influenza A Nucleoprotein recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Pan Influenza A
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	#061
Specificity	Widely recognize Influenza A Nucleoprotein
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for Pan Influenza A Nucleoprotein recombinant antibody	ELISA, WB (Western Blot)
Immunogen	Recombinant Influenza A H3N2 (A/Hong Kong/1/1968) Nucleoprotein/NP Protein
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A H3N2 (A/Hong Kong/1/1968) Nucleoprotein/NP Protein .
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.



Application Data
Anti-NP rabbit monoclonal antibody at 1:2000 dilution. Sample: Recombinant Protein 10 ng
Lane 1: H1N1 (A/Brevig Mission/1/1918) NPLane 2: H1N1 (A/Brisbane/02/2018) NPLane 3: H1N1 (A/California/07/2009) NPLane 4: H1N1 (A/Guangdong-Maonan/SWL1536/2019) NPLane 5: H1N1 (A/Hawaii/70/2019) NPLane 6: H1N1 (A/Michigan/45/2015) NPLane 7: H1N1 (A/Puerto Rico/8/34/Mount Sinai) NP (I116M) Lane 8: H1N1 (A/Victoria/2570/2019)/(A/Wisconsin/588/2019) NPLane 9: H2N2 (A/Ann Arbor/6/1960) NPLane 10: H3N2 (A/Aichi/2/1968) NPLane 11: H3N2 (A/Cambodia/e0826360/2020 (H3N2)-like) NPLane 12: H3N2 (A/Hong Kong/1/1968) NPLane 13: H3N2 (A/Hong Kong/2671/2019) NPLane 14: H3N2 (A/Hong Kong/45/2019) NPLane 15: H3N2 (A/Hong Kong/4801/2014) NPLane 16: H3N2 (A/Kansas/14/2017) NPLane 17: H3N2 (A/Switzerland/9715293/2013) NPLane 18: H7N9 (A/Anhui/1-BALF_RG6/2013) NPLane 19: H7N9 (A/Shanghai/2/2013) NPLane 20: Influenza B (B/Brisbane/60/2008) NPLane 21: Influenza B (B/Colorado/06/2017) NPLane 22: Influenza B (B/Florida/4/2006) NPLane 23: Influenza B (B/Phuket/3073/2013) NPLane 24: Influenza B (B/Washington/02/2019) NP
Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution
Developed using the ECL technique. Performed under reducing conditions.

WB (Western Blot)
Anti-NP rabbit monoclonal antibody at 1 ug/mL. Sample: Recombinant Protein 10 ng
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 at 1/10000 dilution
Developed using the ECL technique. Performed under reducing conditions.

ADDITIONAL INFORMATION

Related Product Information for Pan Influenza A Nucleoprotein recombinant antibody	Influenza viral nucleoprotein (NP) plays a critical role in virus replication and host adaptation. Nucleoprotein (NP) is an essential multifunctional protein that encapsidates the viral genome and functions as an adapter between the virus and the host cell machinery. NPs contain two nuclear localization signals (NLSs): a well-studied monopartite NLS1 and a less-characterized NLS2, thought to be bipartite. The nucleocapsid is a complex of the viral nucleoprotein, RNA, and several other viral proteins. The nucleoprotein forms large, RNA-bound, helical filaments and acts as a scaffold for additional viral proteins.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.