

Mouse Pan Influenza B Nucleoprotein Monoclonal Antibody

Pan Influenza B Nucleoprotein Antibody, Mouse Mab

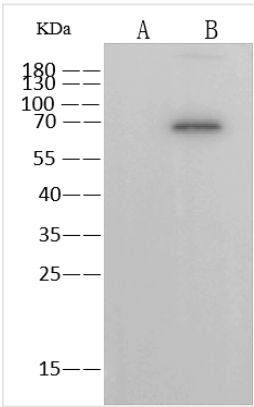
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259121	Mouse	Pan Influenza B	ELISA, ELISA, Western Blot

PRODUCT SYNONYMS

Pan Influenza B Nucleoprotein; Monoclonal Antibody; Pan Influenza B Nucleoprotein Antibody; Mouse Mab; Anti-NP Antibody; Anti-Nucleoprotein Antibody; anti-Pan Influenza B Nucleoprotein antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Pan Influenza B
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	#10
Specificity	Widely recognize Influenza B NucleoproteinHas cross-reactivity in ELISA and WB withInfluenza B (B/Austria/1359417/2021) NP Protein
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-Pan Influenza B Nucleoprotein antibody	ELISA, ELISA, WB (Western Blot)
Immunogen	Recombinant Influenza B (B/Florida/4/2006) Nucleoprotein/NP Protein
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Influenza B (B/Florida/4/2006) Nucleoprotein/NP Protein . The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
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.



WB (Western Blot)
Anti-NP mouse monoclonal antibody at 1:1000 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 (116M) Lane 8: H1N1 (A/Victoria/2570/2019A/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-Mouse IgG (H+L)/HRP at 1/10000 dilution
Developed using the ECL technique. Performed under reducing conditions.

WB (Western Blot)
Anti-NP mouse 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-Mouse IgG (H+L)/HRP at 1/10000 dilution
Developed using the ECL technique. Performed under reducing conditions.

ADDITIONAL INFORMATION

Related Product Information for anti-Pan Influenza B Nucleoprotein 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.

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.