

Pan Influenza A Nucleoprotein Antibody, Rabbit MAb



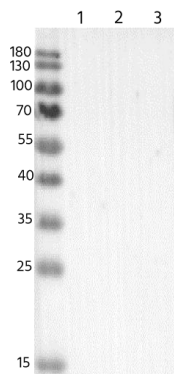
Sino Biological
Biological Solution Specialist

Catalog Number: 40205-R063

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GENERAL INFORMATION	
Immunogen:	Recombinant Influenza A H1N1 (A/California/07/2009) Nucleoprotein / NP Protein (Catalog#40205-V08B)
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A H1N1 (A/California/07/2009) Nucleoprotein / NP Protein (Catalog# 40205-V08B; ACS94534.1; Met1-Ser498).
Ig Type:	Rabbit IgG
Clone ID:	063
Formulation:	0.2 µm filtered solution in 20 mM MES, 150 mM NaCl, 10% Trehalose, 0.02% Tween 80, pH 6.0
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	WB, ELISA, ELISA(Cap)
	IHC, FCM, IF, IP et al. applications haven't been validated. (Antibody's applications haven't been validated with corresponding virus positive samples. Optimal concentrations/dilutions should be determined by the end user.)
RECOMMENDED CONCENTRATION	
Western Blot	WB: 0.2-1 µg/mL
ELISA	ELISA: 0.1-0.2 µg/mL
Sandwich ELISA (Capture Ab)	ELISA(Cap): 0.5-4 µg/mL In a sandwich ELISA, Cat# 40205-R063 can be used as capture antibody when paired with Cat# 40205-MM18.

Please Note: Optimal concentrations/dilutions should be determined by the end user.



Anti-Pan Influenza A Nucleoprotein rabbit monoclonal antibody in 1µg/mL.

Sample: Recombinant Protein 10 ng

Lane 1: Influenza A H5N1 (A/Texas/37/2024) Nucleoprotein / NP Protein (Cat# 41014-V07E)
Lane 2: Influenza A H1N1 (A/Brevig Mission/1/1918) Nucleoprotein / NP Protein (Cat#40204-V08B)
Lane 3: Influenza B (B/Phuket/3073/2013) Nucleoprotein / NP Protein (Cat#40500-V08B)

Secondary
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution

Developed using the ECL technique.
Performed under reducing conditions.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

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Website: <http://www.sinobiological.com>

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GENERAL INFORMATION

Specificity: Widely recognize Influenza A Nucleoprotein

Has cross-reactivity in ELISA with

H1N1 (A/Brevig Mission/1/1918) NP (Catalog# 40204-V08B)
H1N1 (A/Brisbane/02/2018) NP (Catalog# 40776-V08B)
H1N1 (A/California/07/2009) NP (Catalog# 40205-V08B)
H1N1 (A/Guangdong-Maonan/SWL1536/2019) NP (Catalog# 40723-V08B)
H1N1 (A/Hawaii/70/2019) NP (Catalog# 40724-V08B)
H1N1 (A/Michigan/45/2015) NP (Catalog# 40777-V08B)
H1N1 (A/Puerto Rico/8/34/Mount Sinai) NP (I116M) (Catalog# 11675-V08B)
H1N1 (A/Victoria/2454/2019) NP (Catalog# 40851-V08B)
H1N1 (A/Victoria/2570/2019)/(A/Wisconsin/588/2019) NP (Catalog# 40774-V08B)
H2N2 (A/Ann Arbor/6/1960) NP (Catalog# 40033-V08B)
H3N2 (A/Aichi/2/1968) NP (Catalog# 40207-V08B)
H3N2 (A/Cambodia/e0826360/2020 (H3N2)-like) NP (Catalog# 40778-V08B)
H3N2 (A/Darwin/9/2021)/(A/Darwin/6/2021) NP Protein (Cat# 40858-V08B)
H3N2 (A/Hong Kong/1/1968) NP (Catalog# 40208-V08B)
H3N2 (A/Hong Kong/2671/2019) NP (Catalog# 40753-V08B)
H3N2 (A/Hong Kong/45/2019) NP (Catalog# 40754-V08B)
H3N2 (A/Hong Kong/4801/2014) NP (Catalog# 40781-V08B)
H3N2 (A/Kansas/14/2017) NP (Catalog# 40779-V08B)
H3N2 (A/Switzerland/9715293/2013) NP (Catalog# 40499-V08B)
H5N1 (A/Louisiana/12/2024) NP Protein (Catalog# 41061-V07E)
H5N1 (A/Texas/37/2024) NP Protein (Cat# 41014-V07E)
H7N9 (A/Anhui/1-BALF_RG6/2013) NP (Catalog# 40110-V08B)
H7N9 (A/Shanghai/2/2013) NP (Catalog# 40111-V08B)
Influenza B (B/Colorado/06/2017) NP (Catalog# 40782-V08B)

No cross-reactivity in WB and ELISA with

Influenza B (B/Phuket/3073/2013) NP Protein (Cat# 40500-V08B)

No cross-reactivity in ELISA with

Influenza B (B/Brisbane/60/2008) NP (Catalog# 40783-V08B)
Influenza B (B/Florida/4/2006) NP (Catalog# 40438-V08B)
Influenza B (B/Washington/02/2019) NP (Catalog# 40755-V08B)
SARS-CoV-2 Nucleocapsid Protein (Catalog# 40588-V08B)
HCoV-229E Nucleocapsid Protein (Catalog# 40640-V07E)
HCoV-NL63 Nucleocapsid Protein (Catalog# 40641-V07E)
HCoV-HKU1 Nucleocapsid Protein (Catalog# 40642-V07E)
HCoV-OC43 Nucleocapsid Protein (Catalog# 40643-V07E)

No cross-reactivity in WB with

H1N1 (A/Brevig Mission/1/1918) NP Protein (Cat# 40204-V08B)
H3N2 (A/Darwin/9/2021)/(A/Darwin/6/2021) NP Protein (Cat# 40858-V08B)
H5N1 (A/Texas/37/2024) NP Protein (Cat# 41014-V07E)
Influenza B (B/Austria/1359417/2021) NP Protein (Cat# 40861-V08B)

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