

SARS-CoV-2 Nucleocapsid Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 40588-MM162

GENERAL INFORMATION

Immunogen:	Recombinant SARS-CoV-2 Nucleocapsid CTD Protein (Catalog#40588-V07E5)
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 SARS-CoV-2 Nucleocapsid CTD Protein (Catalog#40588-V07E5; YP_009724397.2; Lys248-Pro365). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Clone ID:	162
Ig Type:	Mouse IgG1
Specificity	SARS-CoV-2 Nucleocapsid Protein
Formulation:	0.2 µm filtered solution in PBS
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.

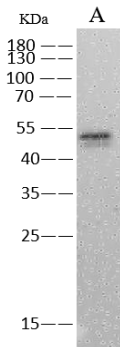
APPLICATIONS

Applications:	WB,ELISA
	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: 1:500-1:2000
ELISA	ELISA: 1:1000-1:2000

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



Anti-SARS-CoV-2 Nucleocapsid mouse monoclonal antibody at 1:1000 dilution.

Sample: SARS-CoV-2 (2019-nCoV)
Nucleocapsid-His recombinant
Protein(Cat#40588-V08B)
Lane A: 10ng

Secondary

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

Developed using the ECL technique.
Performed under reducing conditions.

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GENERAL INFORMATION

Specificity	SARS-CoV-2 Nucleocapsid Protein
	<p>Has cross-reactivity in ELISA and WB with SARS-CoV-2 Nucleocapsid Protein (Cat# 40588-V08B)</p> <p>Has cross-reactivity in ELISA with SARS-CoV-2 Nucleocapsid Protein (Cat# 40588-V07E) SARS-CoV-2 Nucleocapsid CTD Protein (Cat# 40588-V07E5) SARS-CoV-2 Nucleocapsid (aa 248-407) Protein (Cat# 40588-V07E6) SARS-CoV-2 Nucleocapsid (D3L, S235F) Protein (Cat# 40588-V07E8) SARS-CoV-2 Nucleocapsid (T205I) Protein (Cat# 40588-V07E9) SARS-CoV-2 Nucleocapsid (P80R) Protein (Cat# 40588-V07E11) SARS-CoV-2 Nucleocapsid (R203M, D377Y) Protein (Cat# 40588-V07E20) SARS-CoV-2 Nucleocapsid (D63G, R203M, D377Y) Protein (Cat# 40588-V07E29) SARS-CoV-2 Nucleocapsid (P80R, A119S, R203K, G204R, M234I) Protein (Cat# 40588-V07E25) SARS-CoV-2 Nucleocapsid (P13L, T205I, A220V) Protein (Cat# 40588-V07E24) SARS-CoV-2 Nucleocapsid (P67S, P199L, M234I) Protein (Cat# 40588-V07E27) SARS-CoV-2 Nucleocapsid (D3L, R203K, G204R, S235F) Protein (Cat# 40588-V07E7) SARS-CoV-2 Nucleocapsid (A119S, R203K, G204R, M234I) Protein (Cat# 40588-V07E21) SARS-CoV-2 Nucleocapsid (A220V) Protein (Cat# 40588-V07E13) SARS-CoV-2 Nucleocapsid (P13L) Protein (Cat# 40588-V07E2) SARS-CoV-2 Nucleocapsid (P67S, P199L) Protein (Cat# 40588-V07E22) SARS-CoV-2 Nucleocapsid (P199L, M234I) Protein (Cat# 40588-V07E18) SARS-CoV-2 Nucleocapsid (R203K, G204R) Protein (Cat# 40588-V07E1)</p> <p>Medium cross-reactivity in ELISA with SARS-CoV Nucleocapsid Protein (Cat# 40143-V08B)</p> <p>Minimal cross-reactivity in ELISA with H1N1 (A/California/07/2009) NP Protein (Cat# 40205-V08B) H2N2 (A/Ann Arbor/6/1960) NP Protein (Cat# 40033-V08B) H3N2 (A/Switzerland/9715293/2013) NP Protein (Cat# 40499-V08B)</p> <p>No cross-reactivity in ELISA with SARS-CoV-2 Nucleocapsid NTD Protein (Cat# 40588-V07E10) MERS-CoV Nucleocapsid protein (Cat# 40068-V08B) HCoV-229E Nucleocapsid Protein (Cat# 40640-V07E) HCoV-NL63 Nucleocapsid Protein (Cat# 40641-V07E) HCoV-HKU1 Nucleocapsid Protein (Cat# 40642-V07E) HCoV-OC43 Nucleocapsid Protein (Cat# 40643-V07E) H7N9 (A/Shanghai/2/2013) NP Protein (Cat# 40111-V08B) Influenza B (B/Florida/4/2006) NP Protein (Cat# 40438-V08B)</p>

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