

SARS-CoV-2 (2019-nCoV) Nucleocapsid Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 40588-MM128

GENERAL INFORMATION	
Immunogen:	Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein (Catalog#40588-V08B)
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, SARS-CoV-2 (2019-nCoV) Nucleocapsid (Catalog#40588-V08B; YP_009724397.2(335Gly/Ala); Met1-Ala419). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Clone ID:	128
Ig Type:	Mouse IgG1
Specificity	SARS-CoV-2 (2019-nCoV) 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-P,IP,ICC/IF,ELISA(Det) (Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)
RECOMMENDED CONCENTRATION	
Western Blot	WB: 1:2000-1:5000
ELISA	ELISA: 1:1000-1:2000
IHC-P	IHC-P: 1:50000-1:200000
IP	IP:1-5µL/mg of lysate
ICC/IF	IF: 1:20-1:100
ELISA(Det)	ELISA(Det): 1:1000-1:10000 In a sandwich ELISA, Cat# 40588-MM128 can be used as detection antibody when paired with Cat# 40588-MM122 + 40588-MM124 In a sandwich ELISA, Cat# 40588-MM128 can be used as detection antibody when paired with Cat# 40588-MM137 + 40143-MM05

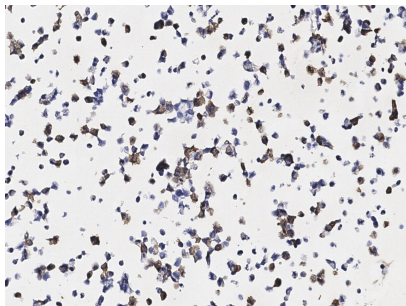
Please Note: Optimal concentrations/dilutions should be determined by the end user.

SARS-CoV-2 (2019-nCoV) Nucleocapsid Antibody, Mouse MAb

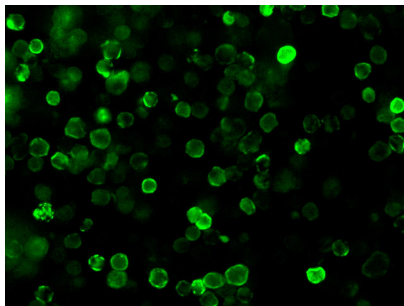


Sino Biological
Biological Solution Specialist

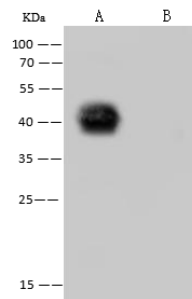
Catalog Number: 40588-MM128



Immunohistochemical analysis of SARS-CoV-2 Nucleocapsid overexpressed HEK293 Cells were stained with purified anti-SARS-CoV-2 Nucleocapsid Mouse Mab, then a HRP-conjugated second step antibody.



Immunofluorescence analysis of SARS-CoV-2 Nucleocapsid overexpressed HEK293 Cells were stained with purified anti-SARS-CoV-2 Nucleocapsid Mouse Mab, then a Alexa Fluor 488-conjugated second step antibody.



Anti-SARS-CoV-2 (2019-nCoV) Nucleocapsid mouse monoclonal antibody at 1:2000 dilution.

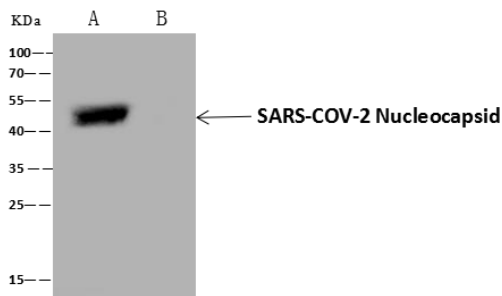
Lane A: SARS-CoV-2 Nucleocapsid overexpressed HEK293 Whole Cell Lysate
Lane B: HEK293 Whole Cell Lysate

Lysates/proteins at 30 µg per lane.

Secondary

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

Developed using the ECL technique.
Performed under reducing conditions.



SARS-CoV-2 Nucleocapsid was immunoprecipitated using:

Lane A: 0.5 mg SARS-CoV-2 Nucleocapsid overexpressed HEK293 Whole Cell Lysate
Lane B: 0.5 mg HEK293 Whole Cell Lysate

4 µL anti-SARS-CoV-2 Nucleocapsid rabbit polyclonal antibody and 60 µg of Immunomagnetic beads Protein A/G.

Primary antibody:

Anti-SARS-CoV-2 Nucleocapsid rabbit polyclonal antibody, at 1:100 dilution

Secondary antibody:

Clean-Blot IP Detection Reagent (HRP) at 1:1000 dilution

Developed using the ECL technique.
Performed under reducing conditions.

Manufactured By Sino Biological Inc.

Tel: 215-583-7898 (US); +86-400-890-9989 (Global) • <http://www.sinobiological.com>