

SARS-CoV / SARS-CoV-2 Nucleocapsid Antibody, Chimeric MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 40143-MM08TA

GENERAL INFORMATION

Immunogen:	Recombinant SARS-CoV Nucleoprotein / NP Protein (Catalog#40143-V08B)
Preparation	It is a chimeric monoclonal antibody combining the constant domains of the human IgG1 molecule with mouse variable regions, and the variable region was from mouse monoclonal antibody (Cat#40143-MM08). The chimeric monoclonal antibody was produced using recombinant antibody technology.
Ig Type:	Mouse (variable region) / human (kappa / IgG1 constant) chimeric antibody
Clone ID:	08
Specificity:	SARS-CoV Nucleocapsid Protein Has cross-reactivity in ELISA with SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein (Cat# 40588-V08B) No cross-reactivity in ELISA with MERS-CoV Nucleoprotein protein (40068-V08B) HCoV-229E Nucleoprotein protein (40640-V07E) HCoV-NL63 Nucleoprotein protein (40641-V07E) HCoV-HKU1(isolate N5) Nucleoprotein protein (40642-V07E) HCoV-OC43 Nucleoprotein (40643-V07E)
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. Avoid repeated freeze-thaw cycles.
Alternative Names:	NP

APPLICATIONS

Applications:	WB,ELISA,IHC-P,ICC/IF
	(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: 1:5000-1:10000
IHC-P	IHC-P: 1:20-1:100
ICC/IF	IF: 1:20-1:100

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

Manufactured By Sino Biological Inc.

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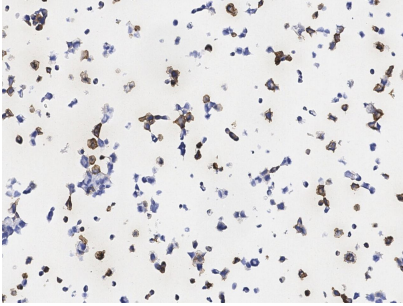
<http://www.sinobiological.com>

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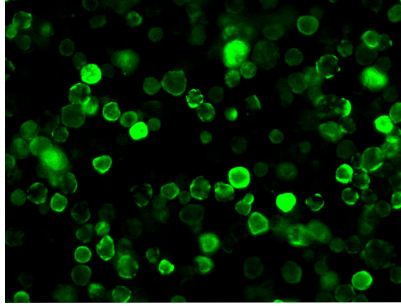


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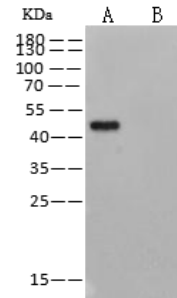
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Immunohistochemical analysis of SARS-CoV-2 Nucleocapsid overexpressed HEK293 Cells were stained with purified anti-SARS Nucleocapsid Chimera Mab, then a HRP-conjugated second step antibody.



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



Anti-SARS-CoV / SARS-CoV-2 Nucleocapsid Chimeric 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-Human IgG Fc/HRP at 1/1000 dilution

Developed using the ECL technique.
Performed under reducing conditions.