

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



Sino Biological  
Biological Solution Specialist

Catalog Number: 40588-MM137

## GENERAL INFORMATION

<b>Immunogen:</b>	Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein (Catalog#40588-V08B)
<b>Preparation</b>	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.
<b>Clone ID:</b>	137
<b>Ig Type:</b>	Mouse IgG1
<b>Specificity</b>	SARS-CoV-2 (2019-nCoV) Nucleocapsid Protein
<b>Formulation:</b>	0.2 µm filtered solution in PBS
<b>Storage:</b>	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

<b>Applications:</b>	WB,ELISA,ELISA(Cap),IHC-P,ICC/IF,FCM
	(Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)

## RECOMMENDED CONCENTRATION

<b>Western Blot</b>	WB: 1:2000-1:10000
<b>ELISA</b>	ELISA: 1:1000-1:2000
<b>IHC-P</b>	IHC-P: 1:100-1:500
<b>ICC/IF</b>	IF: 1:20-1:100
<b>FCM</b>	FCM: 1:25-1:100
<b>ELISA(Cap)</b>	ELISA(Cap): 1:250-1:2000 In a sandwich ELISA, Cat# 40588-MM137 can be used as capture antibody when paired with Cat# 40588-MM128.

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

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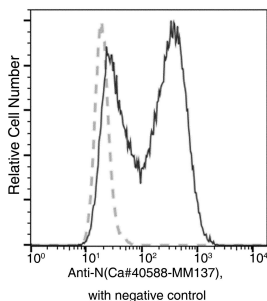
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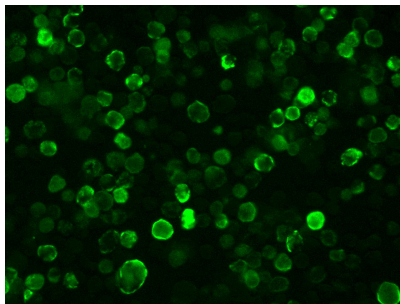


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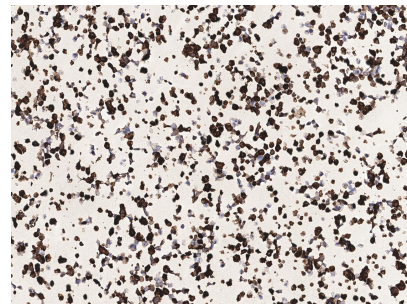
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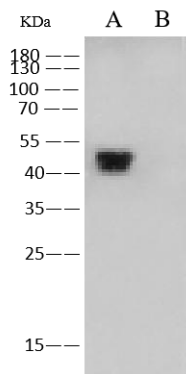
Flow cytometric analysis of SARS-COV-2 Nucleocapsid overexpressed HEK293 Cells were stained with purified anti-SARS-COV-2 Nucleocapsid Mouse MAb, then a FITC-conjugated second step antibody. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of intact cells.



Immunofluorescence analysis of Nucleocapsid overexpressed Hek293 Cells were stained with purified anti-SARS-CoV-2 Nucleocapsid Mouse Mab, then a AlexaFluor@488-conjugated second step antibody.



Immunochemical analysis of Nucleocapsid overexpressed Hek293 Cells were stained with purified anti-SARS-CoV-2 Nucleocapsid Mouse Mab, then a HRP-conjugated second step antibody.



Anti-SARS-CoV-2 (2019-nCoV) Nucleocapsid mouse monoclonal antibody at 1:5000 dilution.

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

Lysates/proteins at 10 µg per lane.

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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