

# SARS-CoV Nucleoprotein / NP Antibody, Mouse MAb



Sino Biological  
Biological Solution Specialist

Catalog Number: 40143-MM08

## GENERAL INFORMATION

|                           |  |
|---------------------------|--|
| <b>Immunogen:</b>         | Recombinant SARS-CoV Nucleoprotein / NP Protein (Catalog#40143-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, recombinant SARS-CoV Nucleoprotein / NP (Catalog#40143-V08B; NP_828858.1; Met1-Ala422). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography. |
| <b>Ig Type:</b>           | Mouse IgG1   |
| <b>Clone ID:</b>          | 08   |
| <b>Specificity:</b>       | SARS-CoV Nucleoprotein / NP<br>Has cross-reactivity in ELISA and WB with SARS-CoV-2 (2019-nCoV) Nucleoprotein / NP Protein (Cat# 40588-V08B).  |
| <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. Avoid repeated freeze-thaw cycles.   |
| <b>Alternative Names:</b> | NP   |

## APPLICATIONS

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

## RECOMMENDED CONCENTRATION

|              |   |
|--------------|---|
| <b>WB</b>    | WB: 1:1000-1:5000   |
| <b>ELISA</b> | ELISA: 1:5000-1:10000<br>This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect SARS-CoV Nucleoprotein / NP. |

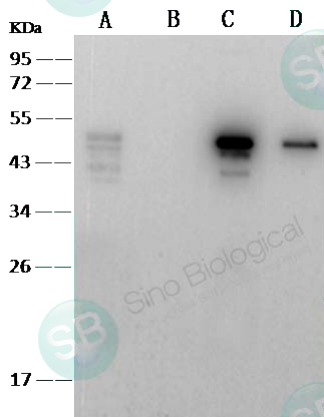
**Please Note: Optimal concentrations/dilutions should be determined by the end user.**

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Anti-SARS-NP mouse  
monoclonal antibody at 1:1000 dilution.

Lane A: SARS-CoV NP Protein (Cat#40143-  
V08B) (30ng)

Lane B: SARS-CoV NP Protein (Cat#40143-  
V08B) (5ng)

Lane C: SARS-CoV-2 (2019-nCoV) NP Protein  
(Cat#40588-V08B) (30ng)

Lane D: SARS-CoV-2 (2019-nCoV) NP Protein  
(Cat#40588-V08B) (5ng)

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

Developed using the ECL technique.  
Performed under reducing conditions.