# SARS-CoV Nucleoprotein / NP Antibody, Mouse MAb

**Catalog Number:** 40143-MM08

## General Information

**Immunogen:** Recombinant SARS-CoV Nucleoprotein / NP Protein (Catalog#40143-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, 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.

**Ig Type:** Mouse IgG1

**Clone ID:** 08

**Specificity:** SARS-CoV Nucleoprotein / NP

Has cross-reactivity in ELISA and WB with SARS-CoV-2 (2019-nCoV) Nucleoprotein / NP Protein (Cat# 40588-V08B).

**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, FCM, ICC/IF, IP

(ANTIBODY’S APPLICATIONS HAVE NOT BEEN VALIDATED WITH CORRESPONDING VIRUSES. OPTIMAL CONCENTRATIONS/DILUTIONS SHOULD BE DETERMINED BY THE END USER.)

## Recommended Concentration

<table>
<thead>
<tr>
<th>WB</th>
<th>WB: 1:1000-1:5000</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>ELISA: 1:5000-1:10000</td>
</tr>
</tbody>
</table>

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.*
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.