Anti-SARS-CoV-2 Nucleocapsid Protein Antibody [K06251_7A8]

Catalog No. K06251M07A08C

**Overview**

**Product name**
Anti-SARS-CoV-2 Nucleocapsid Protein Antibody [K06251_7A8]

**Antibody specificity**
SARS-CoV-2 Nucleocapsid Protein

**Species reactivity**
SARS-CoV-2

**Clonality**
Monoclonal

**Clone number**
K06251_7A8

**Host / isotype**
Mouse / IgG2b

**Immunogen**
Recombinant SARS-CoV-2 nucleocapsid protein

**Cross reactivity**
Not tested

**Kinetic characterization by BLI (biolayer interferometry)**
Not tested

**Purification**
Protein A purified from cell culture supernatants

**Form**
Liquid

**Concentration**
1 mg/mL in phosphate buffered saline containing 0.09% preservative

**Conjugation**
Unconjugated

**Shipping, storage and shelf life**
- 3 months when stored at 2 to 8 °C
- 1 year when aliquoted and stored at -20 °C
- 3 years when aliquoted and stored at -80 °C

**Applications**

<table>
<thead>
<tr>
<th>Recommended concentration</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western blot (WB)</td>
<td>1 µg/mL</td>
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<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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</tbody>
</table>

* The applications above have already been verified. The antibody may be suitable for additional applications.
* Optimal antibody concentrations for each application should be determined by the user.

**Additional information**

**Target antigen**
- Protein name: Nucleoprotein
- Gene name: N
- UniProt Accession: P0DTC9
- Organism: *Severe acute respiratory syndrome coronavirus 2*(2019-nCoV)(SARS-CoV-2)

**Product data**

**Western blotting**
25 ng of recombinant SARS-CoV-2 nucleocapsid protein was run on 6-18% SDS-PAGE under reducing conditions and blotted onto nitrocellulose membrane. K06251_7A8 at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. SARS-CoV-2 nucleocapsid protein band was visualized using ECL Western Blotting Substrate.

Result: K06251_7A8 can detect recombinant SARS-CoV-2 nucleocapsid protein by Western blotting.