Anti-SARS-CoV-2 Nucleocapsid Protein Antibody [K06251_4D2]

Catalog No. K06251M04D02C

Overview

Product name: Anti-SARS-CoV-2 Nucleocapsid Protein Antibody [K06251_4D2]
Antibody specificity: SARS-CoV-2 Nucleocapsid Protein
Species reactivity: SARS-CoV-2
Clonality: Monoclonal
Clone number: K06251_4D2
Host / isotype: Mouse / IgG1
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

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<th>Application</th>
<th>Recommended concentration</th>
<th>Note</th>
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<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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Note:
* 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_4D2 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_4D2 can detect recombinant SARS-CoV-2 nucleocapsid protein by Western blotting.