Anti-SARS-CoV-2 Nucleocapsid Protein Antibody [K06251_2F4]

Catalog No. K06251M02F04C

Overview

Product name | Anti-SARS-CoV-2 Nucleocapsid Protein Antibody [K06251_2F4]
Antibody specificity | SARS-CoV-2 Nucleocapsid Protein
Species reactivity | SARS-CoV-2
Clonality | Monoclonal
Clone number | K06251_2F4
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 | Shipped at ambient temperature. Avoid repeated freeze-thaw cycles.
Upon receipt,
* 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_2F4 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_2F4 can detect recombinant SARS-CoV-2 nucleocapsid protein by Western blotting.