

**Monoclonal Anti-SARS Coronavirus/SARS-Related Coronavirus 2 Nucleocapsid Protein (produced *in vitro*)**

**Catalog No. NR-53794**

**Sino Biological Catalog No. 40143-R004**

**Product Description:**

Antibody Class: IgG

Clone: 004

NR-53794 is a recombinant monoclonal rabbit antibody, prepared against the severe acute respiratory syndrome coronavirus (SARS-CoV) nucleocapsid (N) protein (Sino Biological 40143-V08B), that was expressed from HEK293 cells and purified. NR-53794 is specific to the SARS-CoV N protein as shown in ELISA and western blot analysis, with cross reactivity to the N protein from SARS-CoV-2 (BEI Resources NR-53797; Sino Biological 40588-V08B). No cross reactivity was observed in ELISA with N proteins from MERS-CoV, HCoV-229E, HCoV-NL63, HCoV-HKU1 (isolate N5) or HCoV-OC43.

**Lot: MA14OC2002**

**Manufacturing Date: 20OCT2020**

TEST	SPECIFICATIONS	RESULTS
<b>Concentration</b>	Report results	1.0 mg per mL
<b>Functional Activity</b> Western blot analysis ELISA Immunohistochemistry (IHC-P) Immunocytochemistry-immunofluorescence (ICC-IF) Flow cytometry	Report results Report results Report results Report results Report results	Reactive <sup>1</sup> Reactive <sup>2</sup> Reactive <sup>3</sup> Reactive <sup>4</sup> Reactive <sup>5</sup>
<b>Sterility</b>	0.2 µm filter-sterilized	0.2 µm filter-sterilized

<sup>1</sup>Using a 1:1000-1:10000 dilution of NR-53794

<sup>2</sup>Using a 1:5000-1:10000 dilution of NR-53794

<sup>3</sup>Using a 1:100-1:500 dilution of NR-53794

<sup>4</sup>Using a 1:20-1:100 dilution of NR-53794

<sup>5</sup>Using a 1:25-1:100 dilution of NR-53794

/Sonia Bjorum Brower/

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21 OCT 2022

Technical Manager or designee, ATCC Federal Solutions

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