

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

**Catalog No. NR-53791**

**Sino Biological Catalog No. 40143-R001**

**Product Description:**

Antibody Class: IgG

Clone: 001

NR-53791 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-53791 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: MA14JU1801**

**Manufacturing Date: 18JUN2020**

TEST	SPECIFICATIONS	RESULTS
<b>Concentration</b>	Report results	1.12 mg per mL
<b>Functional Activity</b> Western blot analysis ELISA	Report results Report results	Reactive <sup>1</sup> Reactive <sup>2</sup>
<b>Sterility</b>	0.2 µm filter-sterilized	0.2 µm filter-sterilized

<sup>1</sup>Using a 1:1000-1:5000 dilution of NR-53791

<sup>2</sup>Using a 1:5000-1:10,000 dilution of NR-53791

/Heather Couch/  
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25 SEP 2020

Program Manager or designee, ATCC Federal Solutions

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