

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

Catalog No. NR-53793

Sino Biological Catalog No. 40143-R019

Product Description:

Antibody Class: IgG

Clone: 019

NR-53793 is a recombinant monoclonal rabbit antibody, prepared against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) nucleocapsid (N) protein (BEI Resources NR-53797; Sino Biological 40588-V08B), that was expressed from HEK293 cells and purified. NR-53793 is specific to the SARS-CoV-2 nucleocapsid protein in ELISA and western blot analysis, with cross reactivity to the nucleocapsid protein from SARS-CoV (Sino Biological 40143-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: MA14AP1502

Manufacturing Date: 15APR2020

| TEST | SPECIFICATIONS | RESULTS |
|--|----------------------------------|--|
| Concentration | Report results | 1.1 mg per mL |
| Functional Activity Western blot analysis ELISA | Report results Report results | Reactive ¹ Reactive ² |
| Sterility | 0.2 µm filter-sterilized | 0.2 µm filter-sterilized |

¹Using a 1:1000-1:5000 dilution of NR-53793

²Using a 1:5000-1:10000 dilution of NR-53793

/Heather Couch/

Heather Couch

12 MAY 2021

Program Manager or designee, ATCC Federal Solutions

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