

Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein RBD-mFc Fusion Protein (produced *in vitro*)

Catalog No. NR-53795

Sino Biological Catalog No. 40592-R001

Product Description:

Antibody Class: IgG

Clone: 001

NR-53795 is a recombinant rabbit monoclonal antibody prepared against the fusion protein containing severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) spike (S) glycoprotein receptor binding domain (RBD) (R319 to F541) and mouse IgG Fc (mFc) domain (Sino Biological 40592-V05H) that was expressed in HEK293 cells, purified and vialled in histidine and arginine buffer with 120 mM NaCl and 0.02% Tween 80.

Lot: HA14OC2601

Manufacturing Date: 26OCT2020

| TEST | SPECIFICATIONS | RESULTS |
|--|----------------------------------|--|
| Purity SDS-PAGE SEC-HPLC | Report results Report results | Target protein bands > 95% Target protein bands > 95% |
| Concentration | Report results | 6.32 mg per mL |
| Functional Activity ELISA Microneutralization assay | Report results Report results | Reactive ¹ Reactive ² |
| Sterility | 0.2 µm filter-sterilized | 0.2 µm filter-sterilized |
| Endotoxin Content (Limulus Amoebocyte Lysate Assay) | Report results | < 3 EU per mg |

¹Using 0.5 to 1 µg per mL of NR-53795

²Assay dependent

/Heather Couch/

Heather Couch

01 SEP 2021

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