

**Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Clone 2TP2C2 (produced *in vitro*)**

**Catalog No. NR-55300**

This reagent is the property of the U.S. Government.

**Product Description:**

Antibody Class: IgG1κ

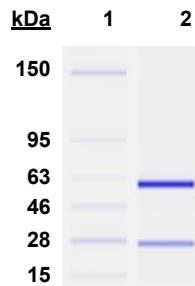
Monoclonal antibody prepared against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) spike (S) glycoprotein receptor binding domain (RBD) was purified from clone 2TP2C2 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0 mouse myeloma cells with splenocytes from immunized mice.

**Lot: 70043406**

**Manufacturing Date: 22MAY2021**

| TEST  | SPECIFICATIONS  | RESULTS   |
|---|---|---|
| Antibody Class Determination                            | IgG1κ   | IgG1κ   |
| Agilent Protein 230 Analysis                            | Correct molecular weight (MW) for heavy and light chains; Report purity | Correct molecular weight (MW) for heavy and light chains (Figure 1); 98.5% pure |
| Concentration by Spectrophotometer at OD <sub>280</sub> | ~ 1 mg per mL   | 0.98 mg per mL  |
| Sterility   | 0.22 μm filter-sterilized   | 0.22 μm filter-sterilized   |

**Figure 1: Agilent Protein 230 Analysis**



Lane 1: Molecular Weight Markers  
Lane 2: NR-55300

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20 JAN 2022

Program Manager or designee, ATCC Federal Solutions

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