

Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Clone 2TP1C3 (produced *in vitro*)

Catalog No. NR-55296

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

Product Description:

Antibody Class: IgG1κ

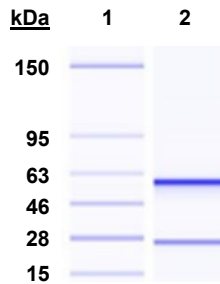
Monoclonal antibody prepared against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) spike (S) glycoprotein receptor binding domain (RBD) was purified from clone 2TP1C3 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0 mouse myeloma cells with splenocytes from immunized mice.

Lot: 70042601

Manufacturing Date: 16AUG2021

| 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); 98.6% pure |
| Concentration by Spectrophotometer at OD ₂₈₀ | ~ 1 mg per mL | 1.13 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-55296

/Heather Couch/
Heather Couch

20 JAN 2022

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