

Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Clone 2TP2C7 (produced *in vitro*)

Catalog No. NR-55301

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

Product Description:

Antibody Class: IgG1κ

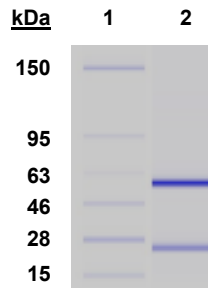
Monoclonal antibody prepared against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) spike (S) glycoprotein receptor binding domain (RBD) was purified from clone 2TP2C7 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0 mouse myeloma cells with splenocytes from immunized mice.

Lot: 70043407

Manufacturing Date: 24JUN2021

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); 99.8% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg per mL	1.12 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-55301

/Heather Couch/
Heather Couch

17 JAN 2022

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