

Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Clone 2TP1B3 (produced *in vitro*)

Catalog No. NR-55294

Product Description:

Antibody Class: IgG1k

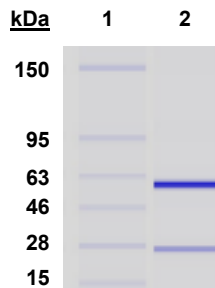
Monoclonal antibody prepared against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) spike (S) glycoprotein receptor binding domain (RBD) was purified from clone 2TP1B3 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0 mouse myeloma cells with splenocytes from immunized mice.

Lot: 70042595

Manufacturing Date: 06OCT2021

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1k	IgG1k
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); 97.2% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	1.06 mg/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-55294

/Sonia Bjorum Brower/
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07 FEB 2024

Technical Manager or designee, ATCC Federal Solutions

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