

Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein, Clone 1-3D7 (produced *in vitro*)

Catalog No. NR-56488

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

Product Description:

Antibody Class: IgG1κ

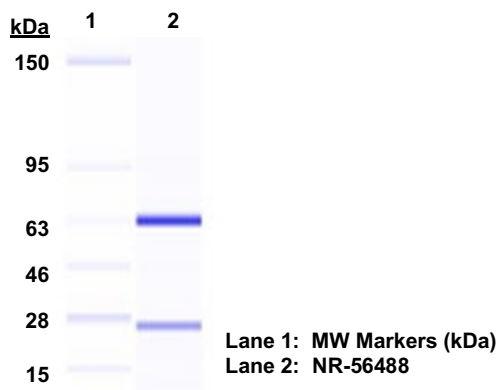
Monoclonal antibody prepared against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) spike (S) glycoprotein was purified from clone 1-3D7 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/mIL-6 mouse myeloma cells with splenocytes from BALB/c mice immunized with mouse IgG1 Fc domain-tagged receptor binding domain (RBD) protein (residues 319 to 541).

Lot: 70065038

Manufacturing Date: 22NOV2023

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); 98.1% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	0.917 mg/mL
Amount per Vial	Report results	90 µg
Sterility	0.2 µm filter-sterilized	0.2 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis



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