

Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Native Antigen, Clone 34.2.2 (produced *in vitro*)

Catalog No. NR-58912

Product Description:

Antibody Class: IgG1κ

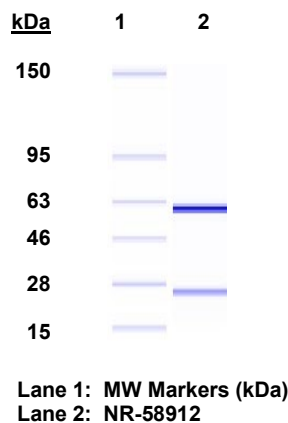
Mouse monoclonal antibody against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) Wuhan-Hu-1 spike glycoprotein receptor binding domain (RBD) was purified from hybridoma clone 34.2.2 culture supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0-Ag14 mouse myeloma cells with splenocytes from BALB/c mice immunized with recombinant purified native RBD antigen and subsequent clonal selection.

Lot: 70056851

Manufacturing Date: 10JAN2023

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); 99.1% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	1.30 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis



/Sonia Bjorum Brower/
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Technical Manager or designee, ATCC Federal Solutions

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