

Monoclonal Anti-SARS-Related Coronavirus 2 Spike Glycoprotein Receptor Binding Domain (RBD), Native Antigen, Clone 62.1.1 (produced *in vitro*)

Catalog No. NR-58916

Product Description:

Antibody Class: IgG1κ

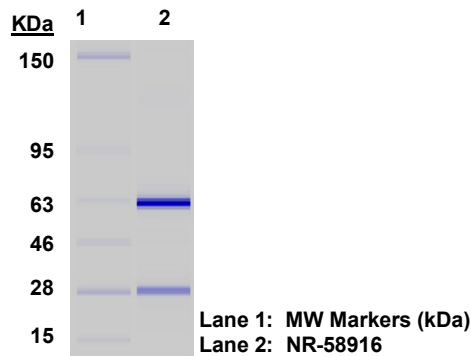
Mouse monoclonal antibody against the severe acute respiratory syndrome-related coronavirus 2 (SARS-CoV-2) Wuhan-Hu-1 spike glycoprotein receptor binding domain (RBD) was purified from hybridoma clone 62.1.1 culture supernatant by protein G affinity chromatography. The B cell hybridoma was generated 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: 70058426

Manufacturing Date: 26APR2023

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); 98.3% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	1.14 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis



/Sonia Bjorum Brower/
Sonia Bjorum Brower

27 OCT 2023

Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

