

**Cat No:** 9159142

**Product:** SARS-CoV-2 (2019-nCoV) Spike Antibody, Mouse MAb

**Pack Size:** 100 µL

**Host:** Mouse

**Isotype:** IgG1

**Storage:** This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

**Background (Function):** This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, Recombinant SARS-CoV-2 (2019-nCoV) Spike S1-mFc Protein (YP\_009724390.1; Met1-Arg685). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

**Immunogen:** Recombinant SARS-CoV-2 (2019-nCoV) Spike S1-mFc Protein (YP\_009724390)

**Specificity:** SARS-CoV-2 (2019-nCoV) Spike S1 Protein

No cross-reactivity in ELISA with SARS-CoV Spike S1 Protein, MERS-CoV Spike S1 Protein  
HCoV-HKU1 (isolate N1) Spike S1 Protein, HCoV-HKU1 (isolate N5) Spike S1 Protein, HCoV-NL63 Spike S1 Protein, HCoV-229E Spike S1 Protein, HCoV-OC43 Spike S1+S2 ECD Protein

**Tested Application:**

ELISA, WB

(Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)

**Recommended Dilution:**

WB: 1:500-1:2000

ELISA: 1:1000-1:2000

**Formulation:** 0.2 µm filtered solution in PBS, Preservative-Free.

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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