

**bsm-41635M**

**[ Primary Antibody ]**

## **SARS-CoV-2 (2019-nCoV) Spike Neutralizing Mouse mAb**



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### **— DATASHEET —**

**Host:** Mouse

**Isotype:** IgG1

**Clonality:** Monoclonal

**CloneNo.:** 7A7

**Target:** SARS-CoV-2 (2019-nCoV) Spike Neutralizing

**Immunogen:** Recombinant SARS-CoV-2 Spike S1 Protein: 14-685/1213.

**Purification:** affinity purified by Protein A

**Concentration:** Lot Dependent

**Storage:** Size : 100ug

0.01M PBS (pH7.4).

Size : 200ug (PBS only)

0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** The SARS-CoV-2 spike (S) protein is the target of vaccine design efforts to end the COVID-19 pandemic. Despite a low mutation rate, isolates with the D614G substitution in the S protein appeared early during the pandemic, and are now the dominant form worldwide. Here, we analyze the D614G mutation in the context of a soluble S ectodomain construct.

**Applications:** ELISA (1:5000-10000)

**Reactivity:** SARS-CoV-2

**Predicted MW.:** 140 kDa