

**bsm-41441M**

**[ Primary Antibody ]**

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



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### **— DATASHEET —**

**Host:** Mouse

**Isotype:** IgG1

**Clonality:** Monoclonal

**CloneNo.:** 2D5

**Target:** SARS-CoV-2 (2019-nCoV) Nucleocapsid

**Immunogen:** Recombinant SARS-CoV-2 (2019-nCoV) Nucleocapsid protein: full length.

**Purification:** affinity purified by Protein A

**Concentration:** >1mg/ml

**Storage:** Size : 100ug

0.01M PBS (pH7.4) with 0.02% Proclin300.

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:** (predicted: SARS-CoV-2)