bsm-41634M **[Primary Antibody]**

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

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Mouse **Isotype:** IgG1

Clonality: Monoclonal **CloneNo.:** 7G10

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

SELECTED CITATIONS

- **[IF=2.5]** Feroza Begum. et al. A SARS-CoV-2 peptide antigen purified from bacteria and displayed in a high-density repetitive manner on a virus-like particle could generate anti-SARS-CoV-2 neutralizing antibodies unlike free peptide. BIOCHEM BIOPH RES CO. 2024 Dec;739:150579 ELISA ;Mouse. 39205338