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

Catalog Number: bsm-41487M

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

Concentration: >1mg/ml

Form: Size : 100ug

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 3E7

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:SARS-CoV-2)

Predicted MW: 46 kDa

Source: Recombinant SARS-CoV-2 Nucleocapsid Protein: 1-419/419.

Purification: affinity purified by Protein A

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.