

bsm-41267M

[Primary Antibody]

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

BioSS
ANTIBODIES

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DATASHEET

Host: Mouse

Isotype: IgG

Clonality: Monoclonal

CloneNo.: 1G4

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

Immunogen: Recombinant SARS-CoV-2 Nucleocapsid Protein: full length .

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: Size : 100ug

1*PBS, 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.

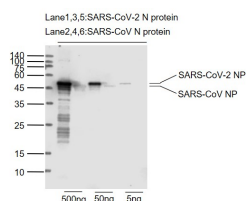
Background: The SARS-CoV-2 spike (S) protein is the target of vaccine design efforts to end the COVID-19 pandemic. Despite a low mutation rate, isolates with the D614G substitution in the S protein appeared early during the pandemic, and are now the dominant form worldwide. Here, we analyze the D614G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

Applications: WB (1:500-2000)

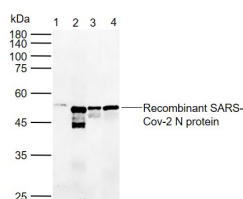
Reactivity: SARS-CoV-2

Predicted MW.: 46 kDa

VALIDATION IMAGES



Sample: Lane 1, 3, 5: SARS-CoV-2 N protein (Cat# bs-41417P) at 500, 50, 5 ng Lane 2, 4, 6: SARS-CoV N protein (Cat# bs-49002P) at 500, 50, 5 ng Primary: Anti-SARS-CoV-2 NP (bsm-41267M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 46 kD Observed band size: 46 kD



Sample: Lane 1: Recombinant SARS-CoV-2 N protein (WT) (His Tag) (bs-41408P) Lane 2: Recombinant SARS-CoV-2 N protein (Q9H, P67S, P80R, P151L, S183Y) (His Tag) (bs-41451P) Lane 3: Recombinant SARS-CoV-2 N protein (Del204, Del215) (His Tag) (bs-41491P) Lane 4: Recombinant SARS-CoV-2 (Omicron, B.1.1.529) N protein (P13L, E31del, R32del, S33del, R203K, G204R) (N-His Tag) (bs-41494P) Primary: Anti-SARS-CoV-2 (2019-nCoV) Nucleocapsid (bsm-41267M) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution Predicted band size: 46 kDa Observed band size: 52 kDa