

## Product Datasheet

# SARS-CoV-2 (2019-nCoV) Nucleocapsid Mouse Monoclonal Antibody (orb638872)

<b>Catalog Number</b>	orb638872
<b>Category</b>	Antibodies
<b>Description</b>	SARS-CoV-2 (2019-nCoV) Nucleocapsid Mouse Monoclonal Antibody
<b>Target</b>	S
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Virus
<b>Predicted Reactivity</b>	Virus
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	≥1 mg/ml
<b>Buffer/Preservatives</b>	0.01M PBS (pH7.4) with 0.02% Proclin300.
<b>Purification</b>	Affinity purified by Protein G
<b>Immunogen</b>	Recombinant SARS-CoV-2 Nucleocapsid Protein full length
<b>MW</b>	46 kDa
<b>Tested applications</b>	WB

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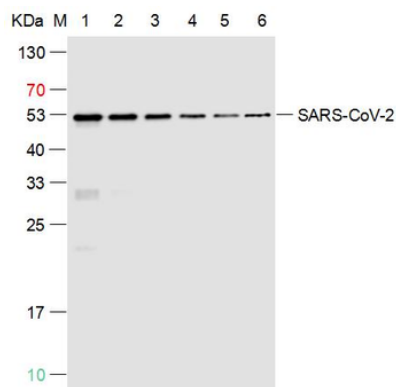
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<b>Dilution range</b>	WB=1:500-2000
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	6A8
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Sample: Lane 1: Recombinant SARS-CoV-2 N Protein (Omicron (B.1.1.529) (P13L, E31del, R32del, S33del, R203K, G204R) at 100 ng, Lane 2: Recombinant SARS-CoV-2 N Protein (Omicron (B.1.1.529) (P13L, E31del, R32del, S33del, R203K, G204R) at 50 ng, Lane 3: Recombinant SARS-CoV-2 N Protein (Omicron (B.1.1.529) (P13L, E31del, R32del, S33del, R203K, G204R) at 25 ng, Lane 4: Recombinant SARS-CoV-2 N Protein (Omicron (B.1.1.529) (P13L, E31del, R32del, S33del, R203K, G204R) at 10 ng, Lane 5: Recombinant SARS-CoV-2 N Protein (Omicron (B.1.1.529) (P13L, E31del, R32del, S33del, R203K, G204R) at 5 ng, Lane 6: Recombinant SARS-CoV-2 N Protein (WT) at 10 ng, Primary: Mouse Anti-SARS-CoV-2 N protein (orb638872) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 45.3 kD, Observed band size: 50 kD.

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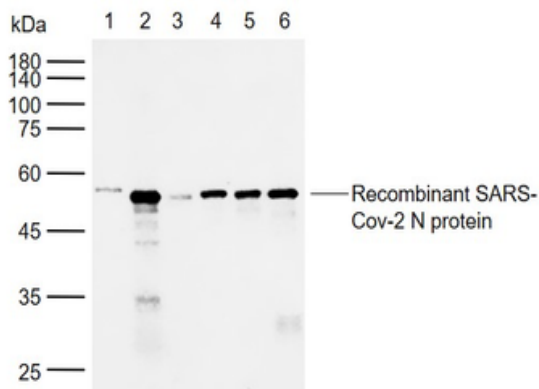
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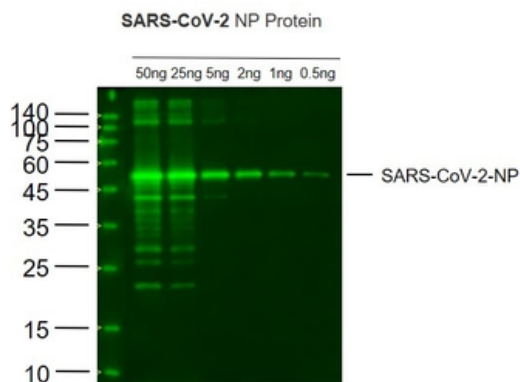
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Sample: Lane 1: Recombinant SARS-CoV-2 N protein (WT) (His Tag), Lane 2: Recombinant SARS-CoV-2 N protein (Q9H, P67S, P80R, P151L, S183Y) (His Tag), Lane 3: Recombinant SARS-CoV-2 N protein (D3L, P13T, D103Y, D128Y, H145Y, R203K, G204R, T205I, S235F) (His Tag), Lane 4: Recombinant SARS-CoV-2 N protein (Del204, Del215) (His Tag), Lane 5: Recombinant SARS-CoV-2 N protein (R203M, D377Y) (His Tag), Lane 6: Recombinant SARS-Cov-2 (Omicron, B.1.1.529) N protein (P13L, E31del, R32del, S33del, R203K, G204R) (N-His Tag), Primary: Anti-SARS-CoV-2 (2019-nCoV) Nucleocapsid (orb638872) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 46 kDa, Observed band size: 52 kDa.



Sample: Lane 1: SARS-CoV-2 N protein (orb1516719) at 50 ng, Lane 2: SARS-CoV-2 N protein (orb1516719) at 25 ng, Lane 3: SARS-CoV-2 N protein (orb1516719) at 5 ng, Lane 4: SARS-CoV-2 N protein (orb1516719) at 2 ng, Lane 5: SARS-CoV-2 N protein (orb1516719) at 1 ng, Lane 6: SARS-CoV-2 N protein (orb1516719) at 0.5 ng, Primary: Anti-SARS-CoV-2 N protein at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 46 kD, Observed band size: 46 kD.

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