

## Product Datasheet

# SARS-CoV-2 (2019-nCoV) Nucleocapsid, WT & Ormicron Recognized Recombinant Rabbit Monoclonal Antibody (orb1040884)

<b>Catalog Number</b>	orb1040884
<b>Category</b>	Antibodies
<b>Description</b>	SARS-CoV-2 (2019-nCoV) Nucleocapsid, WT & Ormicron Recognized Recombinant Rabbit Monoclonal Antibody
<b>Target</b>	S
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Virus
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	Recombinant SARS-CoV-2 Nucleocapsid Protein
<b>UniProt ID</b>	<b>P0DTC9</b>

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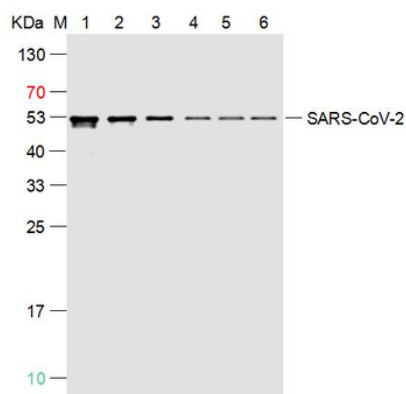
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<b>MW</b>	46-50 kDa
<b>Tested applications</b>	ELISA, WB
<b>Dilution range</b>	WB=1:500-2000, ELISA=1:5000-10000
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	B9D4
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long 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: Rabbit Anti-SARS-CoV-2 N protein (orb1040884) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 45.3 kD, Observed band size: 50 kD.

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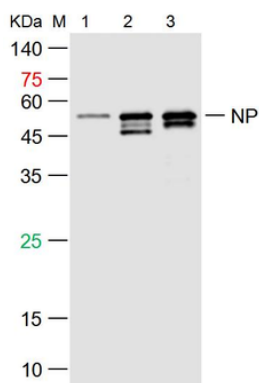
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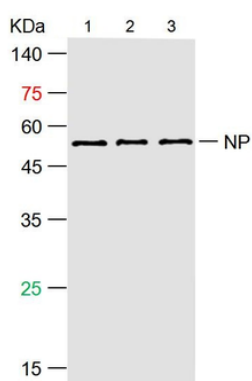
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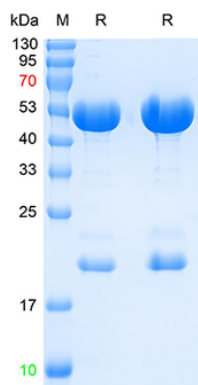
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Sample: Lane 1: SARS-CoV-2 N Protein (WT) at 10 ng, Lane 2: SARS-CoV-2 N Protein (Del204 & Del215) at 10 ng, Lane 3: SARS-CoV-2 N Protein (R203M & D377Y) at 10 ng, Primary: Rabbit Anti-SARS-CoV-2 N Protein Antibody at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 46kD, Observed band size: 46kD.



Sample: Lane 1: SARS-CoV-2 N Protein (WT) at 10 ng, Lane 2: SARS-CoV-2 N Protein (Del204 & Del215) at 2 ng, Lane 3: SARS-CoV-2 N Protein (R203M & D377Y) at 2 ng, Primary: Rabbit Anti-SARS-CoV-2 N Protein Antibody at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 46kD, Observed band size: 46kD.



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

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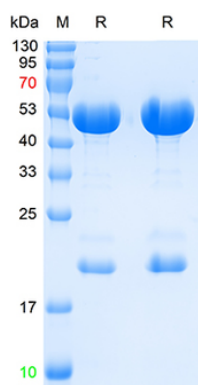
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