

# Product Datasheet

## SARS-CoV-2 Nucleocapsid Antibody (D207) - Azide and BSA Free NBP3-07038

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-07038****SARS-CoV-2 Nucleocapsid Antibody (D207) - Azide and BSA Free**

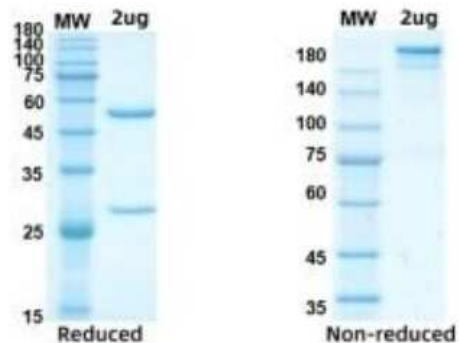
<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	D207
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.5)

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Human SARS-CoV-2 Nucleocapsid Antibody (D207) - Azide and BSA Free (NBP3-07038) is a recombinant monoclonal antibody validated for use in WB and ELISA. Anti-SARS-CoV-2 Nucleocapsid Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Human
<b>Gene ID</b>	43740575
<b>Gene Symbol</b>	N
<b>Species</b>	SARS-CoV-2
<b>Specificity/Sensitivity</b>	This antibody recognizes SARS-CoV-2 Nucleocapsid protein
<b>Immunogen</b>	Recombinant SARS-CoV-2 Nucleocapsid protein

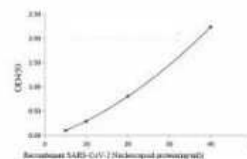
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA
<b>Recommended Dilutions</b>	Western Blot 1:1000 - 1:2000, ELISA 1:5000 - 1:10000
<b>Application Notes</b>	Sandwich ELISA for SARS-CoV-2 Nucleocapsid Matched Pair Antibodies. A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid antibody (NBP3-07038, 2 ug/mL) as capture antibody, a nucleocapsid recombinant protein as the binding protein, and the anti-SARS-CoV-2 Nucleocapsid antibody (NBP3-07070, 0.5 ug/mL) as the detection antibody. Secondary: Goat anti-mouse IgG HRP conjugate at 1:20000 dilution. Detection range is from 0.03 ng to 300 ng. EC50 = 4.27 ng

## Images

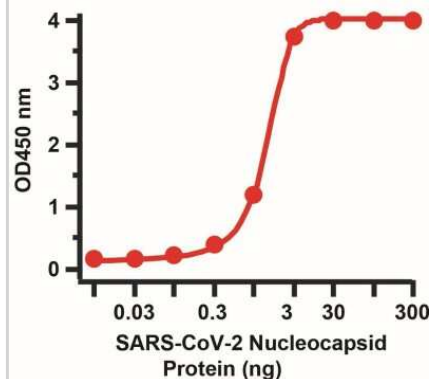
Western Blot: SARS-CoV-2 Nucleocapsid Antibody [NBP3-07038] - Coomassie blue staining of non-reduced and reduced SDS-PAGE analysis.



ELISA: SARS-CoV-2 Nucleocapsid Antibody [NBP3-07038] - SARS-CoV-2 Nucleocapsid (NBP3-07038) used as the detection antibody.



Sandwich ELISA: SARS-CoV-2 Nucleocapsid Antibody [NBP3-07038] - Sandwich ELISA for SARS-CoV-2 Nucleocapsid Matched Pair Antibodies. A sandwich ELISA was performed using SARS-CoV-2 Nucleocapsid antibody (NBP3-07038, 2 ug/mL) as capture antibody, a nucleocapsid recombinant protein as the binding protein, and the anti-SARS-CoV-2 Nucleocapsid antibody (NBP3-07070, 0.5 ug/mL) as the detection antibody. Secondary: Goat anti-mouse IgG HRP conjugate at 1:20000 dilution. Detection range is from 0.03 ng to 300 ng. EC50 = 4.27 ng



## Publications

Pereira A, Vasconcelos A, Silva V et al. Natural SARS-CoV-2 Infection in a Free-Ranging Black-Tailed Marmoset (*Mico melanurus*) from an Urban Area in Mid-West Brazil Journal of Comparative Pathology [PMID: 35577455] (IF/IHC)



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### **Products Related to NBP3-07038**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
NBP1-97043	Human IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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