

# Product Datasheet

## SARS-CoV-2 nsp2 Antibody - BSA Free NBP3-07052

Unit Size: 0.1 mg

Store at -20 degrees C. Avoid freeze/thaw cycles.

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**NBP3-07052****SARS-CoV-2 nsp2 Antibody - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20 degrees C. Avoid freeze/thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS

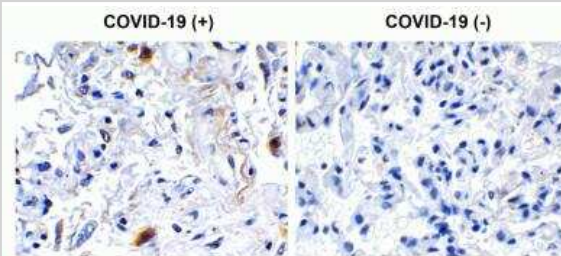
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit SARS-CoV-2 nsp2 Antibody - BSA Free (NBP3-07052) is a polyclonal antibody validated for use in IHC and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	43740578
<b>Gene Symbol</b>	ORF1ab
<b>Species</b>	SARS-CoV-2
<b>Reactivity Notes</b>	Predicted reactivity based on immunogen sequence: SARS-CoV NSP2 protein: (80%)
<b>Immunogen</b>	This antibody was raised against a peptide corresponding to 15 amino acids near the center of SARS-CoV-2 (COVID-19) NSP2 protein. The immunogen is located within 50-100 amino acids of the SARS-CoV-2 (COVID-19) NSP2 protein.

<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	ELISA 1 ug/mL, Immunohistochemistry 0.5 ug/ml

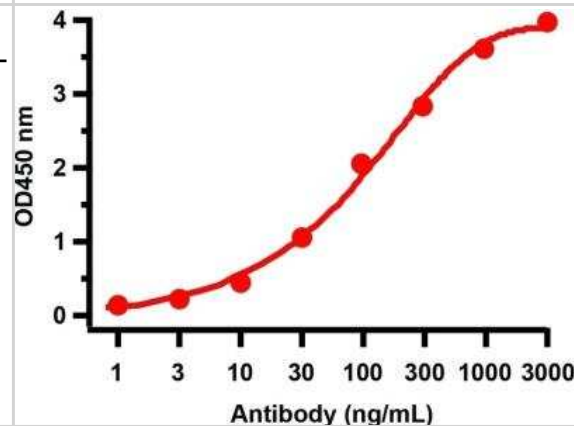


## Images

Immunohistochemistry: SARS-CoV-2 nsp2 Antibody [NBP3-07052] - Immunohistochemical analysis of paraffin-embedded COVID-19 patient lung tissue using anti- SARS-CoV-2 (COVID-19) NSP2 antibody (0.5 ug/mL). Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4 degrees celcius. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin. Strong signal of SARS-COV-2 NSP2 protein was observed in macrophage of COVID-19 patient lung, but not in non-COVID-19 patient lung.



SARS-CoV-2 nsp2 Antibody [NBP3-07052] - Antibodies: SARS-CoV-2 (COVID-19) NSP2 Antibody. A direct ELISA was performed using SARS-CoV-2 NSP2 recombinant protein (10-425) as coating antigen and the anti-SARS-CoV-2 (COVID-19) NSP2 antibody as the capture antibody. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:20000 dilution. Detection range is from 1 ng/mL to 3000 ng/mL.





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### **Products Related to NBP3-07052**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-07083	Recombinant SARS-CoV-2 nsp2 His (N-Term) Protein

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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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