

# Product Datasheet

## **SARS-CoV-2 Nucleocapsid Antibody (1C7C7) - Azide and BSA Free** **NBP3-07043**

Unit Size: 0.05 mg

Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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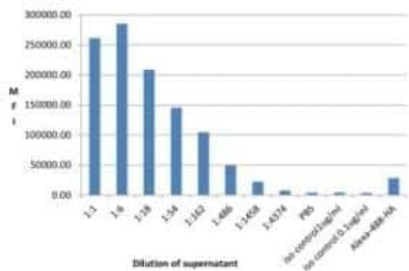
**NBP3-07043****SARS-CoV-2 Nucleocapsid Antibody (1C7C7) - Azide and BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	1C7C7
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.01M PBS (pH 7.2 - 7.4), 150mM NaCl
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse SARS-CoV-2 Nucleocapsid Antibody (1C7C7) - Azide and BSA Free (NBP3-07043) is a recombinant monoclonal antibody validated for use in IHC, WB and ELISA. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	43740575
<b>Gene Symbol</b>	N
<b>Species</b>	SARS-CoV-2
<b>Specificity/Sensitivity</b>	This antibody specifically targets an epitope on the SARS-CoV-2 and SARS-CoV nucleocapsid protein. This antibody does not cross-react with the nucleocapsid of other common human coronaviruses, OC43 and 229E
<b>Immunogen</b>	Recombinant nucleoprotein of SARS-CoV (severe acute respiratory syndrome).The nucleocapsid protein is expressed in the internal nucleocapsid of SARS-CoV-2.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry

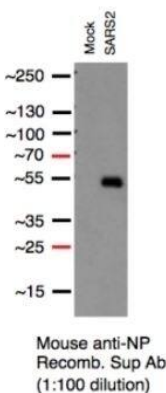
## Images

N/A: SARS-CoV-2 Nucleocapsid Antibody (1C7C7) [NBP3-07043] - Exp1293 cells were transfected with expression plasmid coding for SARS-CoV-2 Nucleocapsid and incubated for 48 hours. Cells were permeabilized, incubated with dilutions of supernatant collected from cells transfected with DNA plasmids coding for the heavy and light chains of 1C7 and binding identified by the addition of goat anti-mouse IgG FITC.

Binding of Clone 1C7C7 to Expi293 Cells Transfected with SARS-CoV2 NP-HA Tagged Protein



Western Blot: SARS-CoV-2 Nucleocapsid Antibody (1C7C7) - Azide and BSA Free [NBP3-07043] - Lysates were derived from A549 cells (Transduced with ACE2 by adenoviral vector), mock vs. SARS-CoV-2-infected MO12, 24 hours, with 60ug of lysates loaded/lane, Image Courtesy of Jeff Johnson Laboratory, ISMMS.





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### **Products Related to NBP3-07043**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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