

# Product Datasheet

## **SARS-CoV-2 Omicron (XBB.1) Spike Antibody (D008) - Chimeric, (RBD) - Azide and BSA Free NBP3-18853**

Unit Size: 100 ug

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

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**NBP3-18853**

SARS-CoV-2 Omicron (XBB.1) Spike Antibody (D008) - Chimeric, (RBD) - Azide and BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<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>	D008
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	0.2 um filtered solution in PBS

<b>Product Description</b>	
<b>Description</b>	This antibody can be stored at 2-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C.
<b>Host</b>	Human
<b>Species</b>	SARS-CoV-2
<b>Specificity/Sensitivity</b>	Specifically recognizes the SARS-CoV-2 Omicron XBB.1 and XBB Spike RBD and ECD. No cross-reactivity with SARS-CoV-2 BF.7, B.1.1.529, B.1.351, B.1.1.7, D614G, BA.4/BA.5/BA.5.2, BA.2.75, BQ.1.1, wild type, Alpha, Beta, Delta. Minimal cross-reactivity with SARS-CoV-2 XBB.1.5.
<b>Immunogen</b>	This is a chimeric monoclonal antibody combining the constant domains of the human IgG1 molecule with mouse variable regions. The variable region was obtained from a mouse immunized with purified, recombinant SARS-CoV-2 Omicron XBB.1 Spike ECD Protein. The antibody was produced using recombinant antibody technology.

<b>Product Application Details</b>	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 0.1-0.2 ug/mL





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### **Products Related to NBP3-18853**

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G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH01P-100	Human IgG1 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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