

# Product Datasheet

## Respiratory Syncytial Virus Nucleoprotein Antibody (RSV3132 (B023)) - BSA Free NB100-64752

Unit Size: 0.5 mg

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

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**NB100-64752**

Respiratory Syncytial Virus Nucleoprotein Antibody (RSV3132 (B023)) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.5 mg
<b>Concentration</b>	1.0 mg/ml
<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>	RSV3132 (B023)
<b>Preservative</b>	<0.1% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Species</b>	Viral
<b>Specificity/Sensitivity</b>	Recognizes an epitope within the 42kD RSV nucleoprotein.
<b>Immunogen</b>	Bovine RSV strains: 127, SNK and 9007. Human RSV strains: A/2, Long, Randall and 8/60
<b>Product Application Details</b>	
<b>Applications</b>	ELISA, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Frozen 1:100
<b>Application Notes</b>	Suitable for use as detection reagent with NB100-64495 as capture reagent in sandwich ELISA.

**Publications**

Levy M, Chen JW, Kaiser JA et al. Intranasal respiratory syncytial virus vaccine attenuated by codon-pair deoptimization of seven open reading frames is genetically stable and elicits mucosal and systemic immunity and protection against challenge virus replication in hamsters. PLoS pathogens 2024-05-23 [PMID: 38739647]

Lingemann M, McCarty T, Liu X et al. The alpha-1 subunit of the Na<sup>+</sup>,K<sup>+</sup>-ATPase (ATP1A1) is required for macropinocytic entry of respiratory syncytial virus (RSV) in human respiratory epithelial cells PLoS Pathog. 2019-08-01 [PMID: 31381610] (Immunocytochemistry/ Immunofluorescence, Virus)





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### **Products Related to NB100-64752**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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