

# Product Datasheet

## HBsAg Antibody (1044/329) - BSA Free NB100-64554

Unit Size: 0.1 mg

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

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**NB100-64554**

HBsAg Antibody (1044/329) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1044/329
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse HBsAg Antibody (1044/329) - BSA Free (NB100-64554) is a monoclonal antibody validated for use in WB, ELISA and Flow. Anti-HBsAg Antibody: Cited in 5 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	944569
Gene Symbol	S
Species	Virus
Specificity/Sensitivity	Recognizes the Hepatitis B surface antigen; in a simple ELISA using Biogenesis Test Groups (BTGs) this is only reactive with Hepatitis B surface antigen.
Immunogen	Native HBsAg

Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA 1:100-1:2000

**Publications**

Nettere D, Unnithan S, Rodgers N et al. Conjugation of HIV-1 envelope to hepatitis B surface antigen alters vaccine responses in rhesus macaques NPJ vaccines 2023-11-24 [PMID: 38001122]

Ye Y, Fu Y, Lin C et al. Oncostatin M induces IFITM1 expression to inhibit hepatitis B virus replication via JAK-STAT signaling Cellular and molecular gastroenterology and hepatology 2023-10-23 [PMID: 37879404] (Western Blot)

Choi YM, Kim DH, Jang J, Kim BJ A hepatitis B virus-derived peptide combined with HBsAg exerts an anti-HBV effect in an HBV transgenic mouse model as a therapeutic vaccine Frontiers in immunology 2023-06-02 [PMID: 37334373] (ELISA, Mouse)

Bach C, Lucifora J, Delphin M et al. A stable hepatitis D virus-producing cell line for host target and drug discovery Antiviral Research 2023-01-01 [PMID: 36511319] (FLOW)

Chu JYK, Chuang YC, Tsai KN et al. Autophagic membranes participate in hepatitis B virus nucleocapsid assembly, precore and core protein trafficking, and viral release Proceedings of the National Academy of Sciences of the United States of America 2022-07-26 [PMID: 35858426]





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### **Products Related to NB100-64554**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-64554UV	HBsAg Antibody (1044/329) [DyLight 350]

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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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