

Product Datasheet

HBsAg Antibody (HB3) [Alexa Fluor® 594] NB500-474AF594

Unit Size: 0.1 ml

Store at 4C in the dark.

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NB500-474AF594

HBsAg Antibody (HB3) [Alexa Fluor® 594]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	HB3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Conjugate	Alexa Fluor 594
Purity	Ion exchange chromatography
Buffer	50mM Sodium Borate

Product Description	
Host	Mouse
Gene ID	944569
Gene Symbol	S
Species	Virus
Specificity/Sensitivity	The antibody HB3 recognizes following Hepatitis B virus (HBV) subtypes: ayw2, ayw3, ayw4, ayr, adw2, adw4, adrq+, adrq-. Hepatitis B surface antigen (HBsAg) is a marker of infectivity. Specificity of the antibody HB3 was verified by ELISA on panel of virus subtypes identified on International Workshop on HBsAg Subtypes (Paris, April 1975). The antibody HB3 does not cross-block with the antibody HB5.
Immunogen	Purified HBsAg from human plasma.
Notes	<p>Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.</p>

Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence



Recommended Dilutions	ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Publications

Shuzhi Cui, Tian Xia, Jianjin Zhao, Xiaoyu Ren, Tingtao Wu, Mireille Kameni, Xiaoju Guo, Li He, Jingao Guo, Aléria Duperray-Susini, Florence Levillayer, Jean-Marc Collard, Jin Zhong, Lifeng Pan, Frédéric Tangy, Pierre-Olivier Vidalain, Dongming Zhou, Yaming Jiu, Mathias Faure, Yu Wei NDP52 mediates an antiviral response to hepatitis B virus infection through Rab9-dependent lysosomal degradation pathway. Nature communications 2023-12-21 [PMID: 38114531]





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Products Related to NB500-474AF594

NBP1-97005AF594	Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 594]
KA0286	HBsAg ELISA Kit (Colorimetric)

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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