

Mouse HBsAg Monoclonal Antibody | anti-HBsAg antibody

HBsAg antibody

CATALOG # AAA74592	HOST Mouse	APPLICATIONS Lateral Flow, ELISA
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PRODUCT SYNONYMS

HBsAg; Monoclonal Antibody; HBsAg antibody; Monoclonal HBsAg; Anti-HBsAg; Hepatitis B Surface Antigen; Hepatitis B surface Ag; anti-HBsAg antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	M701077
Specificity	HBV
Form/Format	Liquid in 0.015M potassium phosphate buffer, pH 7.4 containing 0.85% NaCl and 0.1% sodium azide.
Concentration	3.0mg/ml (varies by lot)
Sequence Length	132
Applicable Applications for anti-HBsAg antibody	LF (Lateral Flow), ELISA
Biological Significance	The hepatitis B surface antigen (HBsAg) is most frequently used to screen for the presence of this infection. It is the first detectable viral antigen to appear during infection. However, early in an infection, this antigen may not be present and it may be undetectable later in the infection as it is being cleared by the host.
Immunogen	Highly purified hepatitis B surface antigen.
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Affinity Constant	2×10^{10} l/mol
Cross-Reactivity	Reacts with all 4 subtypes, adr, adw, ayr, and ayw of the hepatitis B virus surface antigen.
Preparation and Storage	Store at 4°C ONLY. Do not freeze!.

ADDITIONAL INFORMATION

Related Product Information for anti-HBsAg antibody	Mouse monoclonal HBsAg antibody
Product Categories/Family for anti-HBsAg antibody	Infectious Disease

NCBI AND UNIPROT INFORMATION

NCBI GI #	128168861
NCBI Official Full Name	hepatitis B surface antigen, partial

UniProt Protein Name	Hepatitis B surface antigen
UniProt Gene Name	S
UniProt Entry Name	A3KC59_HBV

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hbsag-antibody-clone-m701077-lateral-flow-elisa/74592>