

anti-HBV-A Libivirumab Monoclonal Antibody | anti-S antibody

Research Grade Libivirumab

CATALOG #
AAA120149

REACTIVITY
HBV-A

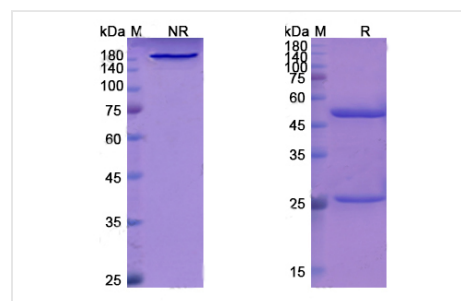
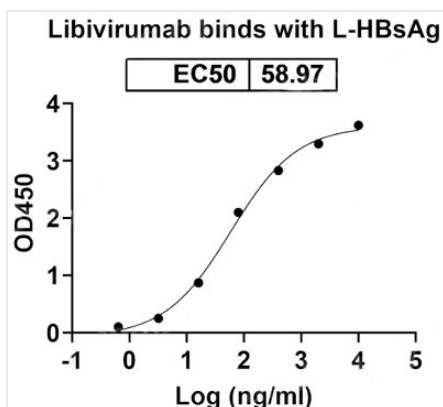
PRODUCT SYNONYMS

Libivirumab; Monoclonal Antibody; Research Grade Libivirumab; 17.1.41; HepeX-B (combination of exbivirumab and libivirumab); Large envelope protein; L glycoprotein; L-HBsAg; LHB; Large S protein; Large surface protein; Major surface antigen; S; L; CAS: 569658-79-3; anti-S antibody

PRODUCT SPECIFICATIONS

Reactivity	HBV-A
Clonality	Monoclonal
Isotype	IgG1-kappa
Purity/Purification	>95%; Protein A or G purified from cell culture supernatant.
Form/Format	Liquid.
Concentration	2.4 mg/ml (varies by lot)
Storage Buffer	0.01M PBS,pH 7.4
Target	Large envelope protein, L glycoprotein, L-HBsAg, LHB, Large S protein, Large surface protein, Major surface antigen, S.
Expression system	XtenCHO.
Host Species	Human
CAS	569658-79-3
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C for short term (1-2 weeks). Store at -20°C for 12 months. Store at -80°C for long term.

IMAGES



SDS-PAGE
SDS PAGE for Libivirumab

Bioactivity

Detects S/L-HBsAg/L glycoprotein in indirect ELISAs.

ADDITIONAL INFORMATION

Related Product Information for anti-S antibody	Libivirumab is a human monoclonal antibody directed against the hepatitis B virus. libivirumab had an IC 50 of 35 and 128 ng/ml in the neutralization assays based on ELISA and immunofluorescence assays.
Product Categories/Family for anti-S antibody	Research Biosimilar
References	Preclinical evaluation of two human anti-hepatitis B virus (HBV) monoclonal antibodies in the HBV-trimera mouse model and in HBV chronic carrier chimpanzees. PMID: 10960454 A Combination of Human Broadly Neutralizing Antibodies against Hepatitis B Virus HBsAg with Distinct Epitopes Suppresses Escape Mutations; PMID: 32504577

NCBI AND UNIPROT INFORMATION

NCBI GI #	138798
UniProt Accession #	P03142
NCBI Official Full Name	Large envelope protein
UniProt Protein Name	Large envelope protein
UniProt Gene Name	S
UniProt Synonym Gene Names	LHB
UniProt Entry Name	HBSAG_HBVA2

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://www.aaabiotech.com/monoclonal/libivirumab-antibody-elisa/120149>