DATASHEET

Hepatitis B Virus Surface Antigen Goat Polyclonal Antibody

CAT. NO. APA12498

KEY FEATURES

Target	Hepatitis B Virus Surface Antigen	**Source / Host**	Goat
Reactivity	Hepatitis B virus	**Clonality**	Polyclonal
Applications	ELISA	**Conjugation**	Unconjugated
Form / Buffer	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.	**Storage**	at-20°C

BACKGROUND

Hepatitis B surface antigen (HBsAg) is the envelope protein of HBV and the principal serological marker of HBV infection. HBsAg appears in the blood weeks before symptom onset and persists in chronic carriers. Anti-HBsAg antibodies are central to HBV diagnostics, vaccine response monitoring, and IHC for liver biopsy assessment.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

ELISA	Use at an assay dependent dilution.

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Goat polyclonal antibody to Hepatitis B Virus Surface Antigen
Specificity	Reacts only with Hepatitis B Virus Surface Antigen.
Antibody Type	Primary antibody
Immunogen	Recombinant Hepatitis B Virus Surface Antigen
Purification	Immunogen affinity purified
Form/Buffer	Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.
Alternative Names	HBsAg; Hep B surface antigen; Hepatitis B surface antigen; Hepatitis B Virus major surface antigen; Hepatitis B virus S antigen; Large envelope protein; Large surface protein; LHB; Major surface antigen

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.