

Product datasheet

Anti-Hepatitis B Virus Surface Antigen (Ad/Ay) antibody (Biotin) ab68520

製品の概要

製品名	Anti-Hepatitis B Virus Surface Antigen (Ad/Ay) antibody (Biotin)
製品の詳細	Rabbit polyclonal to Hepatitis B Virus Surface Antigen (Ad/Ay) (Biotin)
由来種	Rabbit
標識	Biotin
特異性	Reacts with Hepatitis B Virus Surface Antigen in viral and infected tissue samples.
アプリケーション	適用あり: WB, ELISA, ICC/IF, IHC-Fr
種交差性	交差種: Hepatitis B virus
免疫原	Hepatitis B Virus Surface Antigen subtypes ad & ay.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.1% Sodium Azide Constituents: 0.01M PBS
精製度	Protein A purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab68520** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent dilution.
ELISA		Use at an assay dependent dilution.

アプリケーション	Abreviews	特記事項
ICC/IF		Use at an assay dependent dilution.
IHC-Fr		Use at an assay dependent dilution.

ターゲット情報

関連性	Hepatitis B Virus (HBV) infection induces a disease state characterised by liver damage, inflammation and viral persistence. Infection also increases the risk of hepatocellular carcinoma. HBV belongs to the Hepadnaviridae family of viruses. Its genome consists of partially double stranded circular DNA. The DNA is enclosed in a nucleocapsid, or core antigen (HBcAg), which is surrounded by a spherical envelope (surface antigen or HBsAg). The core antigen shares its sequences with the e antigen (HBeAg) but no cross reactivity between the two proteins has been observed. The HBV genome also encodes a DNA polymerase that also acts as a reverse transcriptase. Hepatitis B infection is normally diagnosed from serological tests that detect HBsAg but as the disease progresses this antigen may no longer be present in the blood and tests for HBcAg are used. If HBsAg can be detected in the blood for longer than six months, chronic hepatitis B is diagnosed. The antigenic determinant of the protein moiety of the HBsAg determines specific characteristics of different serotypes and provides the basis of immunodetection. HBsAg has antigenic heterogeneity, specifically, two pairs of sub specific determinants, d/y and w/r allow the following combinations: adw, ayw, adr, ayr.
細胞内局在	Virion membrane

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