

Anti-Hepatitis B Virus Surface Antigen (Ad/Ay) antibody [HB24] ab54247

1 References

製品の概要

製品名	Anti-Hepatitis B Virus Surface Antigen (Ad/Ay) antibody [HB24]
製品の詳細	Mouse monoclonal [HB24] to Hepatitis B Virus Surface Antigen (Ad/Ay)
由来種	Mouse
特異性	ab54247 recognises a common epitope of the plasma HBsAg of ad and ay subtypes.
アプリケーション	適用あり: ELISA
種交差性	交差種: Hepatitis B virus
免疫原	Full length native protein (purified) corresponding to Hepatitis B virus Hepatitis B Virus Surface Antigen (Ad/Ay).
特記事項	<p>Affinity 1.4 x 10⁻⁹ M (ad) 2.0 x 10⁻⁹ M (ay)</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: PBS</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	HB24
アイソタイプ	IgG1

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab54247の使用に適用されます**
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
ELISA		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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