

# HRP Anti-Hepatitis B Virus Surface Antigen (Ad/Ay) antibody ab20878

## 概述

产品名称	HRP抗乙型肝炎病毒Surface Antigen (Ad/Ay)抗体
描述	HRP兔多克隆抗体to乙型肝炎病毒Surface Antigen (Ad/Ay)
宿主	Rabbit
偶联物	HRP
特异性	Monospecific, reacts only with Hepatitis B surface antigen including the pre-S1 epitope. Non-reactive with normal human serum.
经测试应用	适用于: ELISA
种属反应性	与反应: Hepatitis B virus
免疫原	Tissue, cells or virus corresponding to Hepatitis B Virus Surface Antigen (Ad/Ay). Hepatitis B surface antigen purified from human serum. Mixture of subtypes ad & ay.
常规说明	<p>Estimated molar HRP:IgG substitution is 2-3.</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&amp;As</p>

## 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.002% Thimerosal (merthiolate) Constituents: PBS, 1% BSA
纯度	Protein A purified
纯化说明	Protein A chromatography purified IgG fraction covalently coupled to a highly purified preparation of horseradish peroxidase (RZ>3). Care is taken to ensure adequate conjugation while preserving maximum enzyme activity. Free enzyme is absent.
克隆	多克隆

## 应用

## The Abpromise guarantee

**Abpromise™**承诺保证使用ab20878于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		

## 应用说明

ELISA: Use at an assay dependent dilution.

Suitability for use in Western blot, IHC and IFA has not been determined but use in such assays should not be excluded.

Not tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

## 靶标

## 相关性

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.

## 细胞定位

Virion membrane

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

#### **Terms and conditions**

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors