


Product datasheet

Anti-Hepatitis B Virus Surface Antigen antibody [B1929M] ab252714

Overview

| | |
|----------------------------|---|
| Product name | Anti-Hepatitis B Virus Surface Antigen antibody [B1929M] |
| Description | Mouse monoclonal [B1929M] to Hepatitis B Virus Surface Antigen |
| Host species | Mouse |
| Tested applications | Suitable for: ELISA |
| Species reactivity | Predicted to work with: Hepatitis B virus  |
| Immunogen | Recombinant full length protein corresponding to Hepatitis B virus Hepatitis B Virus Surface Antigen. Recombinant HBsAg of adr subtype. |
| General notes | <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> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | Preservative: 0.09% Sodium azide Constituents: 1.64% Sodium phosphate, 0.87% Sodium chloride |
| Purity | Protein G purified |
| Purification notes | Purified from tissue culture supernatant. = 98% pure (SDS-PAGE). |
| Clonality | Monoclonal |
| Clone number | B1929M |
| Isotype | IgG1 |

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab252714 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| ELISA | | Use at an assay dependent concentration. |

Target

Relevance Hepatitis B Virus (HBV) infection induces a disease state which manifests itself in a variety of ways, characterized by the extent of liver damage, inflammation and viral persistence. HBV infection is also associated with a 100 fold increased risk of hepatocellular carcinoma and currently infects over 250 million people worldwide. HBV has a partially double stranded 3.2 kilobase DNA genome which contains four open reading frames. One of these encodes a 154 amino acid protein called the HBx protein. HBx has been shown to be a transcriptional transactivator of both viral and cellular promoters. Lacking a DNA binding domain and nuclear localization signal, HBx is believed to exert transcriptional activity through protein protein interaction.

Cellular localization 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.com/abpromise> or contact our technical team.

Terms and conditions

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