Datasheet: 4939-8520P

Description: MOUSE ANTI HEPATITIS B CORE ANTIGEN:HRP

Specificity: HEPATITIS B CORE ANTIGEN

Other names: HbcAg

Format: HRP

Product Type: Monoclonal Antibody

Clone: H3A4 (4H5)

Isotype: IgG2a

Quantity: 0.1 mg

Product Details

RRID: AB_1102602

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

<table>
<thead>
<tr>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Immunohistology - Frozen</td>
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<tr>
<td>Immunohistology - Paraffin</td>
</tr>
<tr>
<td>ELISA</td>
</tr>
<tr>
<td>Western Blotting</td>
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</tbody>
</table>

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species: Viral

Product Form: Purified IgG - liquid

Preparation: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.01% Thiomersal, 50% HRP Stabiliser (BUF052A)

Approx. Protein Concentrations: IgG concentration 1.0mg/ml

Immunogen: Recombinant Hepatitis B core antigen

Specificity: Mouse anti Hepatitis B Core Antigen antibody, clone H3A4 (4H5) specifically recognizes...
Hepatitis B virus core antigen (HBCAg), the highly immunogenic 21kDa replicative form of the Hepatitis B virus (HBV), expressed by infected cells.

Antibodies to HBCAg are produced by the host during and following an acute HBV infection and can be detected in chronic HBV carriers and patients recovered from HBV infection, usually persisting in the body for life.

<table>
<thead>
<tr>
<th>ELISA</th>
<th>HRP-conjugated clone H3A4 may be used in a direct ELISA or as the detection reagent in a sandwich ELISA with clone H6F5 as the capture antibody.</th>
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</thead>
<tbody>
<tr>
<td>Storage</td>
<td>Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</td>
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<tr>
<td>Guarantee</td>
<td>18 months from date of despatch.</td>
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</table>

**Related Products**

**Recommended Useful Reagents**

- MOUSE ANTI HEPATITIS B CORE ANTIGEN (4939-8530)
- AbGUARD® HRP STABILIZER PLUS (BUF052A)
- AbGUARD® HRP STABILIZER PLUS (BUF052B)
- AbGUARD® HRP STABILIZER PLUS (BUF052C)
- TMB CORE (BUF056A)
- TMB CORE+ (BUF062A)
- TMB SIGNAL+ (BUF054A)