Datasheet: OBT0990P

Description: RABBIT ANTI HEPATITIS B SURFACE ANTIGEN:HRP

Specificity: HEPATITIS B SURFACE ANTIGEN

Other names: HBsAg

Format: HRP

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 0.1 mg

Product Details

RRID AB_1510246

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>
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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>1/200 - 1/1000</td>
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<td>Western Blotting</td>
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Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species

Viral

Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

Antiserum Preparation

Antisera to Hepatitis B were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on Protein A.

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.002% Thiomersal

1% Bovine Serum Albumin

Approx. Protein Concentrations

IgG concentration 1.0mg/ml

Immunogen

Hepatitis B subtypes ad and ay.

Specificity

Rabbit anti hepatitis B surface antigen antibody recognizes Hepatitis B surface antigen, recognizing subtypes ad and ay. Hepatitis B virus is a major causative agent of acute and chronic
liver disease in humans.

Hepatitis B surface antigen (HBsAg) is a protein component of the viral envelope, which is expressed predominantly in the cytoplasm of infected hepatocytes.

**ELISA**

This product may be used as a detection reagent in a sandwich ELISA together with MCA4658 as the capture reagent.

**References**


**Storage**

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**Guarantee**

12 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Useful Reagents**

AbGUARD® HRP STABILIZER PLUS (BUF052A)
AbGUARD® HRP STABILIZER PLUS (BUF052B)
AbGUARD® HRP STABILIZER PLUS (BUF052C)
TMB CORE (BUF056A)
TMB CORE+ (BUF062A)
TMB SIGNAL+ (BUF054A)

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