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

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>
<thead>
<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>X</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: 0.002% Thiomersal

Stabilisers: 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**

Material Safety Datasheet documentation #10095 available at:


**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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