Datasheet: OBT0990P

<table>
<thead>
<tr>
<th>Description</th>
<th>RABBIT ANTI HEPATITIS B SURFACE ANTIGEN:HRP</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity</td>
<td>HEPATITIS B SURFACE ANTIGEN</td>
</tr>
<tr>
<td>Other names</td>
<td>HBsAg</td>
</tr>
<tr>
<td>Format</td>
<td>HRP</td>
</tr>
<tr>
<td>Product Type</td>
<td>Polyclonal Antibody</td>
</tr>
<tr>
<td>Isotype</td>
<td>Polyclonal IgG</td>
</tr>
<tr>
<td>Quantity</td>
<td>0.1 mg</td>
</tr>
</tbody>
</table>

**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](http://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>
</tr>
</thead>
<tbody>
<tr>
<td>Immunohistology - Frozen</td>
<td></td>
<td></td>
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<tr>
<td>Immunohistology - Paraffin</td>
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</tr>
<tr>
<td>ELISA</td>
<td></td>
<td></td>
<td></td>
<td>1/200 - 1/1000</td>
</tr>
<tr>
<td>Western Blotting</td>
<td></td>
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</tr>
</tbody>
</table>

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**


**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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