Datasheet: OBT0990

Description: RABBIT ANTI HEPATITIS B SURFACE ANTIGEN

Specificity: HEPATITIS B SURFACE ANTIGEN

Other names: HBsAg

Format: Purified

Product Type: Polyclonal Antibody

Isotype: Polyclonal IgG

Quantity: 1 ml

RRID AB_609657

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.

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<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>Immunoprecipitation</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 - 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

0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations

IgG concentration 4.0 mg/ml

Immunogen

Hepatitis B subtypes ad and ay.
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.

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

Recommended Products

Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) FITC
- Goat Anti Rabbit IgG (H/L) (STAR124...) HRP
- Goat Anti Rabbit IgG (Fc) (STAR121...) Biotin, FITC, HRP
- Sheep Anti Rabbit IgG (STAR35...) RPE
- Sheep Anti Rabbit IgG (2AB02...) Biotin
- Sheep Anti Rabbit IgG (STAR36...) DyLight®488, DyLight®680, DyLight®800

Recommended Useful Reagents

- ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025A)
- ANTIGEN RETRIEVAL BUFFER, pH8.0 (BUF025C)