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

Product Details

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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<th>Application</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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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.
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.

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

Material Safety Datasheet documentation #10040 available at:


Regulatory

For research purposes only

Recommended Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)
Goat Anti Rabbit IgG (H/L) (STAR124...)
Goat Anti Rabbit IgG (Fc) (STAR121...)
Sheep Anti Rabbit IgG (STAR35...)
Sheep Anti Rabbit IgG (2AB02...)
Sheep Anti Rabbit IgG (STAR36...)
Sheep Anti Rabbit IgG (STAR34...)

Recommended Useful Reagents

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