# Datasheet: 4940-6990

**BATCH NUMBER 1806**

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| **Description:** | RABBIT ANTI HEPATITIS B RECEPTOR BINDING FRAGMENT PRE S |
| **Specificity:** | HEPATITIS B RECEPTOR BINDING FRAGMENT PRE S |
| **Format:** | Purified |
| **Product Type:** | Polyclonal Antibody |
| **Isotype:** | Polyclonal IgG |
| **Quantity:** | 1 ml |

## Product Details

**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.

| | Yes | No | Not Determined | Suggested Dilution |
|---|---|---|---|---|
| ELISA | ▪ | | | |
| Western Blotting | ▪ | | | 1/250 - 1/500 |

Where this product 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 product for use in their own system using the appropriate negative/positive controls.

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| **Target Species** | Viral |
| **Product Form** | Purified IgG - liquid |
| **Preparation** | Purified IgG prepared by affinity chromatography on Protein G |
| **Buffer Solution** | Phosphate buffered saline |
| **Preservative Stabilisers** | 0.09% Sodium Azide ($NaN_3$) |
| **Approx. Protein Concentrations** | IgG concentration 5.0 mg/ml |
| **Immunogen** | Synthetic peptide corresponding to the amino acids 21-47 (PLGFFPDHQLDPAFGANSNNPDWDFNP(-C)) of the native molecule conjugated to Keyhole limpet Haemocyanin. |

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| **RRID** | AB_619442 |
| **Specificity** | **Rabbit anti Hepatitis B Receptor Binding Fragment Pre S antibody** recognises the ~39 and 41 kDa (L-protein) of the hepatitis B virus in western blotting. Both bands are peptide blockable. |
| **References** | 1. Neurath, A.R. *et al.* (1986) Identification and chemical synthesis of a host cell receptor binding site on hepatitis B virus. Cell. 46 (3): 429-36. |
| **Storage** | Store at +4°C or at -20°C if preferred.<br>Storage in frost-free freezers is not recommended.<br>This product should be stored undiluted.<br>Avoid repeated freezing and thawing as this may denature the antibody.<br>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 #10040 available at:<br>https://www.bio-rad-antibodies.com/SDS/4940-6990<br>10040 |
| **Regulatory** | For research purposes only |

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) Biotin, FITC, HRP
Sheep Anti Rabbit IgG (STAR35...) RPE
Goat Anti Rabbit IgG (H/L) (STAR124...) HRP

### Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)


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|---|---|---|---|---|---|
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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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