

Datasheet: OBT0911

**BATCH NUMBER 163574**

<b>Description:</b>	RECOMBINANT HEPATITIS B CORE ANTIGEN
<b>Name:</b>	HEPATITIS B CORE ANTIGEN
<b>Other names:</b>	HBcAg
<b>Format:</b>	Rec. Protein
<b>Product Type:</b>	Recombinant Protein
<b>Quantity:</b>	0.1 mg

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
ELISA	■			

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 appropriate negative/positive controls.

<b>Target Species</b>	Viral
<b>Product Form</b>	Recombinant protein produced in <i>Escherichia coli</i> - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	50% Glycerol
<b>Approx. Protein Concentrations</b>	Total protein concentration 1.0 mg/ml

**Product Information** Recombinant Hepatitis B virus core antigen (HBcAg), amino acids 1-183.

Hepatitis B core antigen is an indicator of active viral replication. A patient infected with Hepatitis B testing positive for the core antigen is more likely to transmit the virus to others.

**Protein Molecular** 18 kDa (SDS PAGE estimate)

**Weight****Purity** ~95% by SDS PAGE**Storage** Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. 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 #10260 available at:  
<https://www.bio-rad-antibodies.com/SDS/OBT091110260>**Regulatory** For research purposes only**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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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](https://www.bio-rad-antibodies.com/datasheets)  
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