

Product datasheet

Recombinant Hepatitis B Virus Core Antigen protein ab119441

2 References

Description

Product name	Recombinant Hepatitis B Virus Core Antigen protein
Biological activity	ab119441 is immunoreactive with sera from HBV-infected individuals.
Purity	> 95 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P03146</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Predicted molecular weight	18 kDa

Specifications

Our **Abpromise guarantee** covers the use of **ab119441** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA SDS-PAGE
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Form	Liquid
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Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle. Constituents: 49% PBS, 50% Glycerol This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

Relevance	Hepatitis B Virus Core Antigen (HBcAg) is part of the infectious virion containing an inner "core
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particle" enclosing the viral genome. The icosahedral core particle contains 180 or 240 copies of the core protein. HBcAg is one of the three major clinical antigens of hepatitis B virus but disappears early in the course of infection. The hepatitis B virus core antigen (HBcAg) is a highly immunogenic subviral particle and functions as both a T-cell-dependent and a T-cell-independent antigen. Therefore, HBcAg may be a promising candidate target for therapeutic vaccine control of chronic HBV infection.

Cellular localization

Capsid protein: Virion. Host cytoplasm, hepatocyte nucleus.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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