

Recombinant Hepatitis B Virus Core Antigen protein ab49014

2 References

製品の詳細

製品名	Recombinant Hepatitis B Virus Core Antigen protein
生理活性	Reacts strongly with human HBV positive serum.
精製度	> 95 % SDS-PAGE.
発現系	Escherichia coli
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
領域	1 to 144
配列の追加情報	Deleted DNA binding domain. Fully competent for self-assembly.

特性

Our **Abpromise guarantee** covers the use of **ab49014** in the following tested applications.

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

アプリケーション	Western blot
	ELISA

製品の状態	Liquid
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備考	<p>During infection, the C gene of HBV often displays genetic deletions within the tip of the protruding spikes of HBcAg, which are known to contain the major site for antibody binding . These have been referred to as core internal deletion variants, and they often appear in end stage liver disease. Depending on the nature of the deletion, they may still form functional capsids, Reacts strongly with human HBV positive serum.</p>
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前処理および保存

保存方法および安定性	<p>Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.</p> <p>pH: 7.20</p> <p>Constituents: 0.02% PBS, 50% Glycerol (glycerin, glycerine), 0.435% Sodium chloride</p>
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関連情報

関連性

Hepatitis B Virus Core Antigen (HBcAg) is part of the infectious virion containing an inner "core 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.

細胞内局在

Capsid protein: Virion. Host cytoplasm, hepatocyte nucleus.

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