



Product datasheet

Recombinant Hepatitis B Virus Core Antigen protein ab49013

3 References

描述	
产品名称	重组乙型肝炎病毒Core Antigen蛋白
生物活性	Reacts strongly with human HBV positive serum.
纯度	> 95 % SDS-PAGE. Purification method is proprietary.
表达系统	Escherichia coli
Accession	<u>CAB41699.1</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
序列	MDIDPYKEFG ATVELLSFLP SDFFPSVRDL LDNASALYRE ALESPEHCSP HHTALRQAIL CWGELMTLAT WVGGNLEDPI SRDLVVSYN TNMGLKFRQL LWFHISCLTF GRETVIEYLV SFGVWIRTPP AYRPPNAPIL STLPETTIVR RRGRSPRRRT PSPRRRRSQS PRRRRSQSRE SQC
预测分子量	18 kDa
氨基酸	1 to 183
技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab49013 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	SDS-PAGE ELISA Western blot
形式	Liquid
补充说明	Reacts strongly with human HBV positive serum.
制备和贮存	
稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C.

Avoid freeze / thaw cycle.

pH: 7.20

Constituents: 0.02% PBS, 50% Glycerol (glycerin, glycerine), 0.435% Sodium chloride

常规信息

相关性

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.

细胞定位

Capsid protein: Virion. Host cytoplasm, hepatocyte nucleus.

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