

# Anti-Hepatitis B Virus Core Antigen antibody [C1] ab8637

★★★★★ [1 Abreviews](#) [17 References](#) [1 图像](#)

### 概述

产品名称	抗乙型肝炎病毒Core Antigen抗体[C1]
描述	小鼠单克隆抗体[C1] to乙型肝炎病毒Core Antigen
宿主	Mouse
特异性	<p>This antibody reacts with HBV Core Antigen (Major antigenic determinant, c1). Ab8637 should recognize both the precoreprotein and core protein. It will not recognize the precoreprotein under native conditions, because this protein can not self assemble into particles.</p> <p>Ab8637 was raised against serotype ayw but will work with all other genotypes.</p>

经测试应用	适用于: ELISA, IP, WB, ICC/IF
种属反应性	与反应: Hepatitis B virus
免疫原	Tissue, cells or virus corresponding to Hepatitis B virus Hepatitis B Virus Core Antigen. Purified Hepatitis B Core Antigen
表位	Around aa positions 70-80, major, or "c1" determinant
常规说明	<p>This product was raised against native assembled HBV core (HBV capsid, or particulated core).</p> <p>For denaturing western blots and denaturing Immunofluorescence we would recommend one of the following:</p> <p>Anti-Hepatitis B Virus Core Antigen antibody [10E11] (<a href="#">ab8639</a>)</p> <p>Anti-Hepatitis B Virus Core Antigen antibody [14E11] (<a href="#">ab8638</a>)</p> <p>These products are raised to the same, but denatured, HBcAg protein sequence thus have more robust activity.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.4 Constituents: 0.1% BSA, 99% PBS
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	C1
骨髓瘤	Sp2/0
同种型	IgG2a
轻链类型	kappa

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab8637于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ELISA		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		1/1000. We recommend boiling (100°C) the sample for 10 minutes immeditaleey before loading and using a 2x or 4x Laemmli sample buffer (contains SDS).  A 2X concentrated Laemmli buffer is: 4% SDS, 10% beta-mercaepthoethanol, 20% glycerol, 0.1M Tris pH 6.8, and 0.005% of bromophenol blue
ICC/IF	★★★★★ (1)	Use at an assay dependent concentration.

靶标

**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.

图片



Western blot - Anti-Hepatitis B Virus Core Antigen antibody [C1] (ab8637)

Immunoblotting analysis of the recombinant HBcAg antigen using ab8637. E.coli lysates were separated using 12% SDS-PAAG electrophoresis, immunoblotted and developed with the Amersham ECL Detection Kit. Samples: 1. Negative control; 2. HBcAg (full length, 1-183)

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

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