abcam

Product datasheet

# Anti-Hepatitis C Virus Core Antigen antibody [H21] ab13829

## 概述

| | |
|---|---|
| **产品名称** | **抗丙型肝炎病毒**Core Antigen**抗体**[H21] |
| **描述** | **小鼠**单**克隆抗体**[H21] to**丙型肝炎病毒**Core Antigen |
| **宿主** | Mouse |
| **特异性** | Hepatitis C Virus antigen core. |
| 经测试应用 | **适用于:** IHC-P, ELISA |
| **种属反应性** | **与反应:** Hepatitis C virus |
| **免疫原** | Recombinant full length protein (expressed in *E. coli*). |
| **表位** | Amino acids 70-90 |

## 性能

| | |
|---|---|
| **形式** | Liquid |
| **存放说明** | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| **存储溶液** | pH: 7.40<br>Preservative: 0.1% Sodium azide<br>Constituent: PBS |
| 纯度 | Protein G purified |
| **克隆** | 单**克隆** |
| **克隆编号** | H21 |
| **同种型** | IgG1 |

## 应用

**The Abpromise guarantee** **Abpromise™承**诺**保**证**使用**ab13829**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 |
|---|---|---|
| **IHC-P** | | |

| 应用 | Ab评论 | 说明 |
| --- | --- | --- |
| **ELISA** | | |

**应用说明**

ELISA: Use at an assay dependent dilution.
IHC-P: 1/50. Tested using paraffin-embedded liver sections from HCV patients.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

## 靶标

**相关性**

The hepatitis C virus (HCV) core protein represents the first 191 amino acids of the viral precursor polyprotein and is cotranslationally inserted into the membrane of the endoplasmic reticulum. Hepatitis C virus (HCV) core is a viral structural protein; it also participates in some cellular processes, including transcriptional regulation. However the mechanisms of core-mediated transcriptional regulation remain poorly understood. Hepatitis C virus (HCV) core protein is thought to contribute to HCV pathogenesis through its interaction with various signal transduction pathways. In addition, HCV core antigen is a recently developed marker of hepatitis C infection. The HCV core protein has been previously shown to circulate in the bloodstream of HCV-infected patients and inhibit host immunity through an interaction with gC1qR. Hepatitis C Virus is a positive, single stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non structural proteins necessary for viral replication. Hepatitis C virus (HCV) causes most cases of non-A, non-B hepatitis and results in most HCV infected people developing chronic infections, liver cirrhosis and hepatocellular carcinoma. T cell responses, including interferon-gamma production are severely suppressed in chronic HCV patients.

**细胞定位**

Endoplasmic reticulum

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

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.cn/abpromise** or contact our technical team.

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