

## Product datasheet

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

### 製品の概要

製品名	Anti-Hepatitis C Virus Core Antigen antibody [H21]
製品の詳細	Mouse monoclonal [H21] to Hepatitis C Virus Core Antigen
由来種	Mouse
特異性	Hepatitis C Virus antigen core.
アプリケーション	<b>適用あり:</b> IHC-P, ELISA
免疫原	Recombinant full length protein (expressed in <i>E. coli</i> ).
エピトープ	Amino acids 70-90

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
バッファー	Preservative: 0.1% Sodium Azide Constituents: PBS, pH 7.4
精製度	Protein G purified
ポリ/モノ	モノクローナル
クローン名	H21
アイソタイプ	IgG1

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab13829** 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	Abreviews	特記事項
IHC-P		
ELISA		

### 追加情報

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.

## ターゲット情報

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### 関連性

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.

### 細胞内局在

Endoplasmic reticulum

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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