

Product datasheet

Anti-Hepatitis C Virus Core Antigen antibody [1F6] (Biotin) ab2587

1 References

製品の概要

製品名	Anti-Hepatitis C Virus Core Antigen antibody [1F6] (Biotin)
製品の詳細	Mouse monoclonal [1F6] to Hepatitis C Virus Core Antigen (Biotin)
由来種	Mouse
標識	Biotin
特異性	This antibody is specific for Hepatitis C Core Antigen.
アプリケーション	適用あり: IP, ELISA
免疫原	Synthetic peptide, corresponding to amino acids 80-120 of Hepatitis C Core Antigen.
エピトープ	This antibody recognises amino acid residues 80-120 of Hepatitis C Core Antigen.

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	PBS pH 7.2, 0.01% sodium azide
ポリ/モノ	モノクローナル
クローン名	1F6
ミエローマ	unknown
アイソタイプ	IgG2a
軽鎖の種類	unknown

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab2587** 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
IP		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.

ターゲット情報

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

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