abcam

Product datasheet

Anti-Hepatitis C Virus Core 1b antibody [C7-50] ab2740

3 Abreviews 90 References

製品の概要

製品名	Anti-Hepatitis C Virus Core 1b antibody [C7-50]
製品の詳細	Mouse monoclonal [C7-50] to Hepatitis C Virus Core 1b
由来種	Mouse
特異性	Detects hepatitis C virus (HCV) core protein from transfected human and primate cell lines.
アプリケーション	**適用あり:** IP, Flow Cyt, ELISA, WB
種交差性	**交差種:** Hepatitis C virus
免疫原	Recombinant full length protein (GST-tag) corresponding to Hepatitis C Virus Core 1b.
エピトープ	This antibody recognizes an epitope between amino acid residues 21-40 of HCV core protein. This sequence is conserved among different HCV strains.
特記事項	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. 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&As

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). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
バッファー	Preservative: 0.05% Sodium azide Constituent: PBS
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	C7-50
アイソタイプ	IgG1

アプリケーション:

アプリケーション

The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab2740の使用に適用されます

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
IP		Use at an assay dependent concentration.
Flow Cyt		1/100. **ab170190** - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ELISA		Use at an assay dependent concentration.
WB	★★★★☆ (1)	Use a concentration of 1 µg/ml. This antibody detects a single ~21 kDa protein representing HCV core protein in various transfected cell lines.

ターゲット情報

関連性

HCV (Hepatitis C Virus) viral core protein forms the internal viral coat that encapsidates the genomic RNA and is enveloped in a host cell-derived lipid membrane. The hepatitis C virus (HCV) core protein represents the first 177 amino acids of the viral precursor polyprotein and is cotranslationally inserted into the membrane of the endoplasmic reticulum. The N terminus of the core protein is involved in transcriptional repression. There are over 20 different subtypes of Hepatitis C Virus; HCV type 1b is mostly found in Europe and Asia. The prevalence of HCV type 1b infection has recently decreased, although it still accounts for most HCV-related cirrhosis and hepatocellular carcinoma. High HCV viremia levels and HCV genotype type 1b are independent predictors for poor response to interferon-alpha therapy. HCV core protein is among the most conserved proteins in HCV and is known to induce sensitization of cytotoxic T lymphocytes (CTL). Therefore, it is a prime candidate for a component of a potential HCV vaccine.

細胞内局在

Secreted; Host endoplasmic reticulum membrane; Single-pass membrane protein; Host nucleus; Host cytoplasm.

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