

Anti-Hepatitis B Virus X antigen antibody [3F6-G10] ab235

★★★★★ **1 Abreviews** **14 References**

製品の概要

製品名	Anti-Hepatitis B Virus X antigen antibody [3F6-G10]
製品の詳細	Mouse monoclonal [3F6-G10] to Hepatitis B Virus X antigen
由来種	Mouse
特異性	HB-X antigen (17 kD). We have received mixed reports regarding how ab235 works in Western blot, and we are not able to guarantee this antibody in WB.
アプリケーション	適用あり: ELISA, IHC-P, IHC-Fr
種交差性	交差種: Hepatitis B virus
免疫原	Fusion protein corresponding to Hepatitis B Virus X antigen. HB-Xag-Protein A Fusion protein. Spleen cells from immunised BALB/c mice were fused with cells of the Sp-2/0-Ag14 mouse myeloma cell line.
特記事項	<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&As</p>

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: 0.09% Sodium azide Constituent: 0.1% BSA
精製度	Immunogen affinity purified
特記事項 (精製)	Purified IgG prepared by affinity chromatography on protein G from tissue culture supernatant.
ポリ/モノ	モノクローナル
クローン名	3F6-G10
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

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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確認ください。

アプリケーション	Abreviews	特記事項
ELISA		Use at an assay dependent concentration.
IHC-P		1/100. This antibody may not require protein digestion pre-treatment or antigen retrieval on paraffin sections.
IHC-Fr		1/100.

ターゲット情報

関連性

Hepatitis B virus X protein (HBx) is a 17 kD transcriptional coactivator that plays a significant role in the regulation of genes involved in inflammation and cell survival. It regulates many transcription factors including nuclear factor kappa B (NF-kappaB) and plays a key role in hepatocarcinogenesis. HBx facilitates the binding of cAMP response element binding protein (CREB) to its responsive element. HBx stabilizes the cellular coactivator ASC-2 through direct protein-protein interaction, affecting the regulation of genes actively transcribed in liver cancer cells. HBx transactivates both JNK and MAPK signal transduction pathways in association with the mobilization of cytosolic Ca²⁺. The communication between HBx and general transcription factor TFIIIB is also one of the mechanisms which account for its transcriptional transactivation. HBx decreased the expression of PTEN a known tumor suppressor and a negative regulator of phosphatidylinositol 3'-kinase/AKT and HBx decreased the expression of PTEN in HBx-transfected cells. The etiology of hepatocellular carcinoma (HCC) is involved with hepatitis B virus (HBV) infection and HBx in particular plays a role in the development of HBV-related HCC. The persistence of HBx is important to the pathogenesis of early HCC and HBx expression in the liver during chronic HBV infection may be an important prognostic marker for the development of HCC.

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