Biotin Anti-Hepatitis C Virus NS4A antibody [S4-13] ab124526

Overview

Product name: Biotin Anti-Hepatitis C Virus NS4A antibody [S4-13]
Description: Biotin Mouse monoclonal [S4-13] to Hepatitis C Virus NS4A
Host species: Mouse
Conjugation: Biotin
Specificity: Specific to Human Hepatitis C Virus NS4A protein of genotype 1b. Not tested in other genotypes
Tested applications: Suitable for: Flow Cyt (Intra), WB, ELISA, ICC/IF
Species reactivity: Reacts with: Hepatitis C virus
Immunogen: A region of NS4 protein of Hepatitis C Virus genotype 1b expressed in E. coli.
Epitope: N terminal region of the NS4 protein (NS4A).
Positive control: Chimp liver cells infected with recombinant vaccinia virus containing a HCV genome cDNA.
General notes: [biotin] / [IgG] = 11.3

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

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: pH: 6
Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine)
Purity: Proprietary Purification
Purification notes: Purity >95% by SDS-PAGE.
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 protein necessary for viral replication. Several different genotypes of Hepatitis C Virus with slightly different genomic sequences have since been identified that correlate with differences in response to treatment with interferon alpha.

Host endoplasmic reticulum membrane; Single-pass type I membrane protein Potential. Note: Host membrane insertion occurs after processing by the NS3 protease.
Western blot - Biotin Anti-Hepatitis C Virus NS4A antibody [S4-13] (ab124526) + Chimp liver cells infected with recombinant vaccinia virus containing a HCV genome cDNA.

**Predicted band size:** 6 kDa

Immunocytochemistry/ Immunofluorescence - Biotin Anti-Hepatitis C Virus NS4A antibody [S4-13] (ab124526)

ab124526 staining Hepatitis C Virus NS4A in Chimp liver cells infected with recombinant vaccinia virus containing a HCV genome cDNA. After incubation for 48 hr, the cells were fixed with acetone and Hepatitis C Virus NS4A protein was detected by indirect immunofluorescence staining using this antibody.

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

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