

Product datasheet

Anti-Hepatitis C Virus NS4A antibody [S4-13] ab128685

★★★★★ 1 Abreviews 2 Images

Overview

Product name	Anti-Hepatitis C Virus NS4A antibody [S4-13]
Description	Mouse monoclonal [S4-13] to Hepatitis C Virus NS4A
Host species	Mouse
Tested applications	Suitable for: WB, ICC/IF, ELISA
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.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	pH: 6 Constituents: PBS, 50% Glycerol (glycerin, glycerine)
Purity	Proprietary Purification
Clonality	Monoclonal
Clone number	S4-13
Isotype	IgG2b
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab128685** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	Use at an assay dependent concentration.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent concentration.
ELISA		Use at an assay dependent concentration.

Target

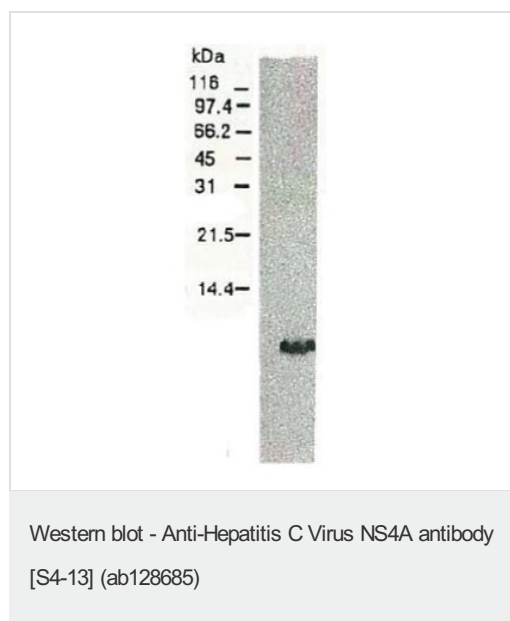
Relevance

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

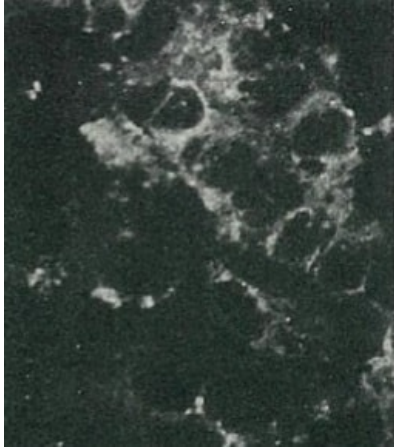
Cellular localization

Host endoplasmic reticulum membrane; Single-pass type I membrane protein Potential. Note: Host membrane insertion occurs after processing by the NS3 protease.

Images



Anti-Hepatitis C Virus NS4A antibody [S4-13] (ab128685) + Chimp liver cells infected with recombinant vaccinia virus containing a HCV genome cDNA



Immunocytochemistry/ Immunofluorescence - Anti-Hepatitis C Virus NS4A antibody [S4-13] (ab128685)

[ab124528](#) staining Hepatitis C Virus NS4A in Chimp liver cells infected with recombinant vaccinia virus containing a Hepatitis C Virus genome cDNA. After incubation for 48 hr, the cells were fixed with acetone and HCV 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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