

## Hepatitis C virus Core Antigen antibody [H6-29] (FITC)

## Cat. No. GTX64115

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC
Reactivity	Hepatitis C virus

Package  
50 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC	Assay dependent

Not tested in other applications.

**Product Note** Specific to human HCV core antigen of genotype 1b. Not tested in other genotypes

## Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. Protect from light.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	A part of the core region (nucleotides 369-704, amino acids 13-124) of HCV genotype 1b expressed in E. coli
Conjugation	Fluorescein isothiocyanate (FITC) <a href="#">Wavelength</a>
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

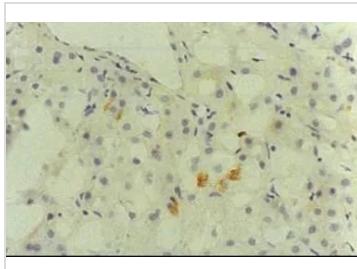
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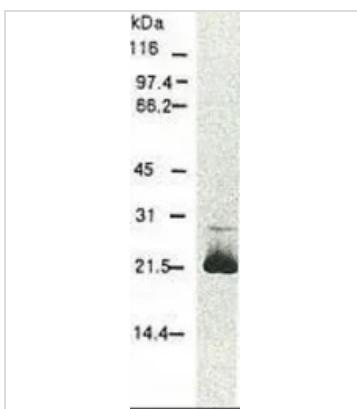
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Date 2026 / 02 / 02 Page 1 of 2

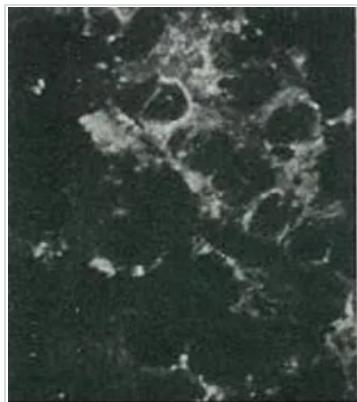
## DATA IMAGES

**GTX64115 IHC Image**

Immunohistochemical detection of HCV core protein. Tissue section from a patient with chronic hepatitis C was immunostained to reveal cells expressing HCV core antigen, which are scattered in the lobules (indirect immunohistochemical method, counterstained with Mayer's hematoxylin).

**GTX64115 WB Image**

Western blotting of HCV core protein. Chimp liver cells were infected with recombinant vaccinia virus containing a HCV genome cDNA and were subjected to Western blotting using this antibody. The core protein is detected as a 22-kDa band.

**GTX64115 ICC/IF Image**

Detection of HCV core protein by immunofluorescence antibody staining. Chimp liver cells were infected with recombinant vaccinia virus containing a HCV genome cDNA. After incubation for 48 hr, the cells were fixed with acetone and HCV core protein was detected by indirect immunofluorescence staining using this antibody.



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Date 2026 / 02 / 02 Page 2 of 2