

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

**Cat. No. GTX64115**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	WB, ICC/IF, IHC
<b>Reactivity</b>	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

<b>Form</b>	Liquid
<b>Buffer</b>	Filter-sterilized PBS, 50% Glycerol
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	Batch dependent (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	A part of the core region (nucleotides 369-704, amino acids 13-124) of HCV genotype 1b expressed in E. coli
<b>Conjugation</b>	Fluorescein isothiocyanate (FITC) <a href="#">Wavelength</a>

### Note

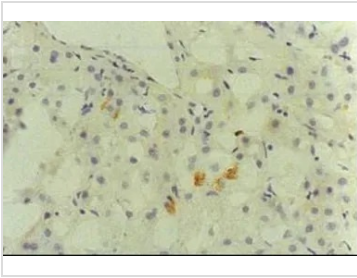
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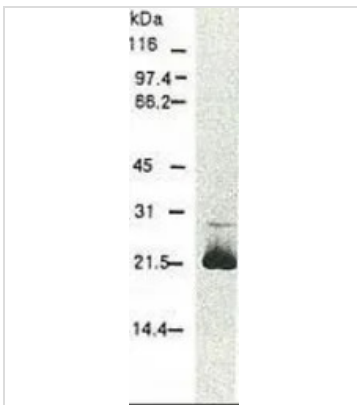
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## DATA IMAGES



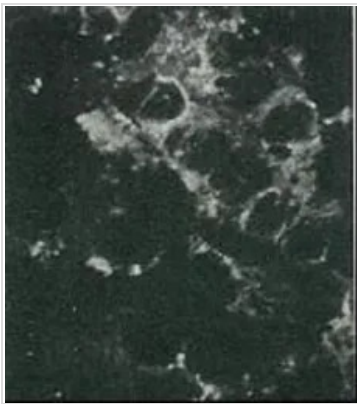
### GTX64115 IHC Image

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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