

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

**Cat. No. GTX64113**

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

**Package**  
100 µg

## Applications

### Application Note

Western blotting (1:1,000-1:2,000 dilution), Immunohistochemistry (1:100-1:500 dilution), Immunofluorescence staining (1:100-1:500 dilution)

**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.
<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>	Unconjugated

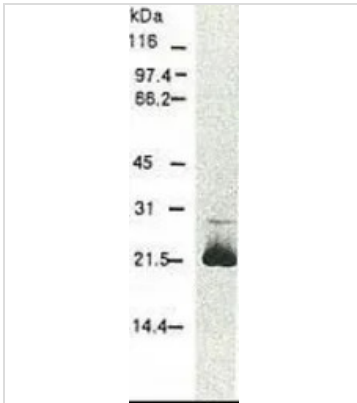
### Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

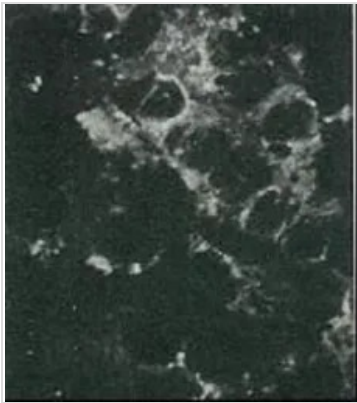
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



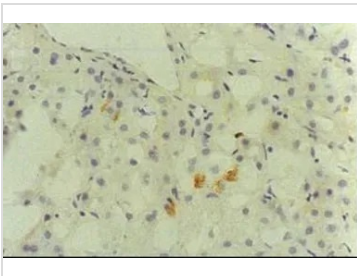
For full product information, images and publications, please visit our [website](#).

**DATA IMAGES**

**GTX64113 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.


**GTX64113 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.


**GTX64113 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 immuno- histochemical method, counterstained with Mayer's hematoxylin).



For full product information, images and publications, please visit our [website](#).