

Hepatitis C virus Core Antigen antibody [B2]

Cat. No. GTX18728

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|---------------------|-------------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Applications | WB, ELISA |
| Reactivity | Hepatitis C virus |

Package
250 µg

Applications

Application Note

ELISA: Use at an assay dependent dilution. Detects human Hepatitis C Virus core protein but not HCV non-structural protein. WB: Use at a concentration of 0.1 - 0.5 µg/ml. This allows visualization of 0.1 ug/lane of recombinant CPC+EPM (core), 0.5 ug/lane synthetic CPC, and 0.1 ug/lane recombinant chimeric HCV polyprotein. Predicted molecular weight: 60 kDa. Optimal dilutions/concentrations should be determined by the end user.

Product Note

GTX18728 detects recombinant capsid protein C and envelope protein M (1-142 aa), synthetic CPC (1-61 aa) and recombinant chimeric HCV polyprotein (60kDa). No cross reactivity is observed with recombinant NS3 protein (125-147 aa), synthetic NS3 protein (1378-1458 aa) and synthetic NS4a protein (1689-1735 aa). GTX18728 recognizes different antigenic determinants of HCV capsid protein. GTX18728 can be used to detect in-vitro translated HCV core protein.

Properties

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|----------------------|--|
| Form | Liquid |
| Buffer | PBS |
| 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. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Synthetic peptide (Human). |
| Purification | Protein G purified |
| Conjugation | 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.



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