Hepatitis C virus Core Antigen antibody [B2]

Cat. No. GTX18728

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

Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC 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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