

Hepatitis C virus Core Antigen antibody [A1/3D1]

Cat. No. GTX18700

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	ELISA
Reactivity	Hepatitis C virus

Package
250 µg

Applications

Application Note

ELISA: Use at an assay dependent dilution. GTX18700 was tested using indirect ELISA method. The testing plates were coated with HCV non-structural protein (NS), capsid protein (C) and the mixture of NS and C separately. The neat culture supernatant of hybridoma showed a strong reaction with HCV capsid protein (OD492 value > 2.0) and mixture of NS and C (OD492 value > 1.5), and have no reaction with HCV non-structural protein (OD492 value < 0.03). Is unsuitable for WB. Optimal dilutions/concentrations should be determined by the end user.

Product Note GTX18700 detects recombinant capsid protein C (CPC), envelope protein M (EPM) core; amino acids 1-142) and synthetic capsid protein C (amino acids 1-61). GTX18700 recognizes different antigenic determinants of Hepatitis C Core Antigen.

Properties

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 peptides derived from HCV capsid protein.
Purification	Protein G purified
Conjugation	Unconjugated
For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.	
Note	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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