

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

Cat. No. GTX18700

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

Package
250 µg

APPLICATION

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 preservative
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

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