

Datasheet for ABIN344246

**anti-Hepatitis C Virus antibody (AA 1-61, AA 1-142)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Hepatitis C Virus (HCV)
Binding Specificity:	AA 1-61, AA 1-142
Reactivity:	Hepatitis C Virus (HCV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Hepatitis C Virus antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptides derived from HCV capsid protein.  Type of Immunogen: Synthetic peptide
Clone:	A1-3D1
Isotype:	IgG1 kappa
Specificity:	Reactive with Recombinant Capsid Protein C and Envelop Protein M (core) (1-142aa) and Synthetic Capsid Protein C (1-61 aa). Recognizes different antigenic determinants of HCV capsid protein. Does not cross-react with recombinant or synthetic HCV non-structural proteins (NS-3 and NS-4).
Purification:	Protein G purified

## Target Details

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Target:	Hepatitis C Virus (HCV)
Alternative Name:	HCV / Hepatitis C Virus ( <a href="#">HCV Products</a> )
Target Type:	Virus
Background:	Name/Gene ID: HCV  Synonyms: HCV

## Application Details

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Application Notes:	Approved: ELISA (1:1), WB (0.5 - 1 µg/mL)  Usage: Suitable for use in ELISA and Western Blot. ELISA: 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 C (OD492 value >2) and mixture of NS and C (OD492 value >1.5). Showed no reaction with HCV NS (OD492 value < 0.03). Western Blot: 0.5-1 µg/mL will allow visualization 0.1 µg/lane (Recombinant CPC+EPM (core)), 0.5 µg/lane (Synthetic CPC), and 0.1 µg/lane (Recombinant Chimeric HCV Polyprotein). Testing is under reducing and non-reducing conditions.
Comment:	Target Species of Antibody: Hepatitis C Virus
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.2, 40 % glycerol.
Storage:	4 °C,-20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.