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Datasheet for ABIN5579735

anti-HCV Core Protein antibody (AA 13-124)

2 Images

Overview

Quantity:	100 µg
Target:	HCV Core Protein (HCV C)
Binding Specificity:	AA 13-124
Reactivity:	Hepatitis C Virus (HCV)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HCV Core Protein antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Purpose:	Mouse monoclonal antibody raised against recombinant hepatitis C virus core protein.
Immunogen:	Recombinant protein corresponding to amino acids 13-124 of HCV core protein.
Clone:	H6-29
Isotype:	IgG2a
Specificity:	This antibody is specific to human HCV core antigen.
Cross-Reactivity:	Virus

Target Details

Target:	HCV Core Protein (HCV C)
Alternative Name:	Hepatitis C virus core protein (HCV C Products)

Target Details

Target Type: Viral Protein

Application Details

Application Notes: The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (50 % glycerol)

Storage: -20 °C

Storage Comment: Store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blotting of HCV core protein. Chimp liver cells were infected with recombinant vaccinia virus containing a HCV genome cDNA and were subjected to Western blotting using HCV Core protein monoclonal antibody, clone H6-29. The core protein is detected as a 22-kDa band.



Image 2. Detection of HCV core protein by immunofluorescence antibody staining. Chimp liver cells were infected with recombinant vaccinia virus containing a HCV genome cDNA. After incubation for 48 hr, the cells were fixed with acetone and HCV core protein was detected by indirect immunofluorescence staining using HCV Core protein monoclonal antibody, clone H6-29 .