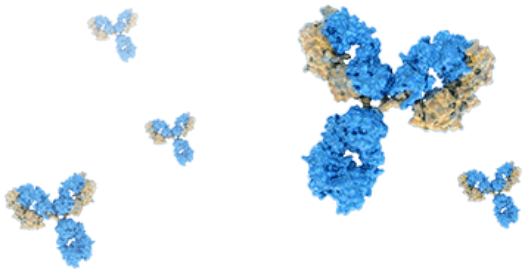

AibGenesis™ ViroAb™ Mouse Anti-Hepatitis C Virus C Monoclonal Antibody (XX0105)

Cat. No.: VRS-0224-YT70
This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Overview

Target	C
Specificity	This antibody reacts with Core Antigen of Hepatitis C virus. It detects hepatitis C virus core protein from transfected human and primate cell lines.
Clone	XX0105
Host Species	Mouse
Antibody Isotype	IgG1
Species Reactivity	Hepatitis C Virus
Virus Subtype	Hepatitis C virus

Product Properties

Immunogen	Purified HCV core-GST fusion protein (genotype 1b).
Epitope	aa 21-40
Purification	Antigen affinity chromatography
Concentration	1.0 mg/mL (lot specific)

Packaging, Storage & Formulations

Formulation	PBS, 0.05% Sodium Azide
Preservative	0.05% Sodium Azide
Storage	Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	WB; ELISA; FC; IHC; IP; ICC; IF

Application Notes	WB 1 ug/mL. ELISA 1:100 - 1:2000. FC 1:100. IHC 1:10 - 1:500. IP 1:10 - 1:500. ICC/IF 1:10 - 1:500. The optimal working dilutions should be determined by the end user.

Other Product Details

Type	Primary Antibody
Clonality	Monoclonal
Related Disease	Hepatitis C

Virus Details

Virus Classification	Positive-sense single-stranded RNA Virus
Virus Family	*Flaviviridae*
Virus Genus	*Hepacivirus*
Species	*Hepacivirus hominis*
Virus Abbrev	HCV
Virus Name	Hepatitis C virus
Virus Alternatives Names	Hepatitis virus; Hepatitis; Hepatitis C virus; HCV
Genome Composition	ssRNA(+)

Target

Introduction	Hepatitis C virus (HCV) is the primary cause of non-A, non-B hepatitis and results in most HCV-infected people developing chronic infections, liver cirrhosis and hepatocellular carcinoma. The 21 kDa core protein of HCV is well conserved among different HCV genotypes and may suppress hepatitis B virus replication in a phosphorylation dependent manner.
Target Alternative Names	Core antigen, Core protein, HCcAg