

**AibGenesis™ ViroAb™ Mouse Anti-Hepatitis B Virus X Monoclonal Antibody (XX0102)**

Cat. No.: VRS-0224-YT51

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

**Product Overview**

Target	X
Specificity	This antibody reacts with X antigen of Hepatitis B Virus.
Clone	XX0102
Host Species	Mouse
Antibody Isotype	IgG1
Species Reactivity	Hepatitis B Virus
Virus Subtype	Hepatitis B virus

**Product Properties**

Immunogen	Baculovirus expressed recombinant HBx.
Purification	Antigen affinity chromatography
Concentration	1.0 mg/mL (lot specific)

**Packaging, Storage & Formulations**

Form	Liquid
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	ELISA; WB; IP
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Application Notes                      The optimal working dilutions should be determined by the end user.

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## Other Product Details

Type                                      Primary Antibody

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Clonality                                Monoclonal

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Related Disease                        Hepatitis B

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## Virus Details

Virus Classification                    Double-stranded DNA reverse transcribing virus

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Virus Family                            *Hepadnaviridae*

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Virus Genus                             *Orthohepadnavirus*

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Species                                 *Hepatitis B virus*

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Virus Abbrev                            HBV

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Virus Name                              Hepatitis B virus

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Virus Alternatives Names            Hepatitis virus; Hepatitis; Hepatitis B virus; HBV

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Genome Composition                   dsDNA-RT

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## Target

Introduction                            Hepatitis B virus (HBV) infects the liver of hominoidea, including humans, and causes an inflammation called hepatitis. Hepatitis B virus is an hepadnavirus-hepa from hepatotropic and dna because it is a DNA virus-and it has a circular genome composed of partially double-stranded DNA. Transmission of hepatitis B virus results from exposure to infectious blood or body fluids.

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Target Alternative Names            HBVgp3 X protein, HBx, Hepatitis B Virus X Protein, Peptide X, pX, X protein

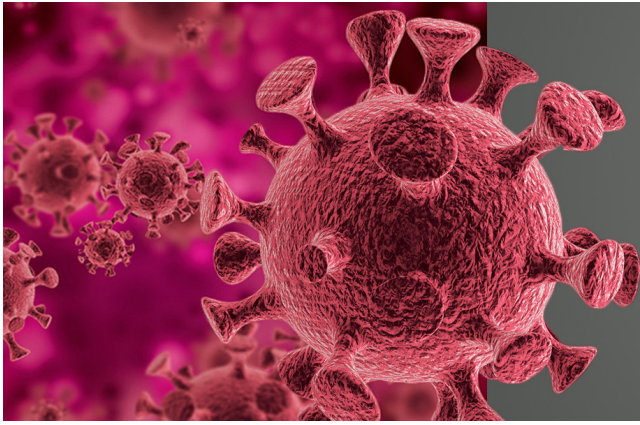
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Gene ID                                 [944566](#)

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UniProt ID                              [O43504](#)

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## AibGenesis™

is an advanced AI-driven platform designed to create novel antibody sequences with unprecedented speed and precision. By integrating deep learning, structure prediction, and comprehensive immunological datasets, **AibGenesis™** intelligently designs antibodies optimized for affinity, stability, and developability. The platform generates antibody products that support basic scientific research, drug development, and diagnostic applications.