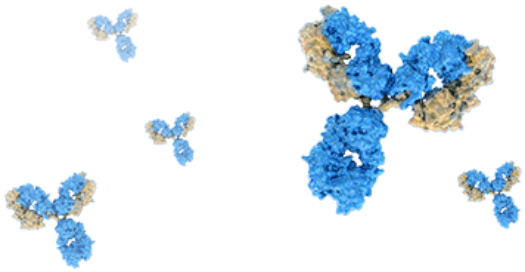

AibGenesis™ ViroAb™ Mouse Anti-Hepatitis E Virus Monoclonal Antibody (XX0263)

Cat. No.: VRS-0224-YT61
This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Overview

Clone	XX0263
Host Species	Mouse
Antibody Isotype	IgM
Species Reactivity	Hepatitis E Virus
Virus Subtype	Hepatitis E virus

Product Properties

Immunogen	Synthetic peptide of at least 30 residues from gene encoding ORF3 region of a Chinese HEV strain
Purification	Antigen affinity chromatography
Concentration	1.0 mg/mL (lot specific)

Packaging, Storage & Formulations

Form	Liquid
Formulation	PBS
Storage	Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	ELISA
Application Notes	The optimal working dilutions should be determined by the end user.

Other Product Details

Type	Primary Antibody
Clonality	Monoclonal
Related Disease	Hepatitis E

Virus Details

Virus Classification	Positive-sense single-stranded RNA Virus
Virus Family	*Hepeviridae*
Virus Subfamily	*Orthohepevirinae*
Virus Genus	*Paslahepevirus*
Species	*Paslahepevirus balayani*
Virus Abbrev	HEV
Virus Name	Hepatitis E virus
Virus Alternatives Names	Hepatitis virus; Hepatitis; Hepatitis E Virus; HEV
Genome Composition	ssRNA(+)

Target

Introduction	Hepatitis E is a liver disease caused by infection with a virus known as hepatitis E virus (HEV). Every year, there are an estimated 20 million HEV infections worldwide, leading to an estimated 3.3 million symptomatic cases of hepatitis E. The virus has at least 4 different types: genotypes 1, 2, 3 and 4. Genotypes 1 and 2 have been found only in humans. Genotypes 3 and 4 circulate in several animals (including pigs, wild boars, and deer) without causing any disease, and occasionally infect humans.
Target Alternative Names	HEV, HepE, Hepatitis E virus