

AibGenesis™ Mouse Anti-Acheta Domestica Mini Ambidensovirus Monoclonal Antibody (CT0015)

Cat. No.: VRS-0324-YT15

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

Product Overview

Clone	CT0015
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Acheta Domestica Mini Ambidensovirus

Product Properties

Purity	>95%
Purification	Protein A or G affinity chromatography
Concentration	Lot specific

Packaging, Storage & Formulations

Form	Liquid, please specify if lyophilized powder is required.
Formulation	PBS (pH 7.4) without any preservative, please specify if any additional requirements.
Preservative	Preservative-free, please specify if any additional requirements.
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 antibody is screened by ELISA using the synthetic peptide corresponding to a partial sequence of Acheta Domestica Mini Ambidensovirus as the capture antigen. A

Additional applications have not been validated. It is recommended that the end user validate other applications and determine optimal concentrations/dilution under their experimental conditions.

Other Product Details

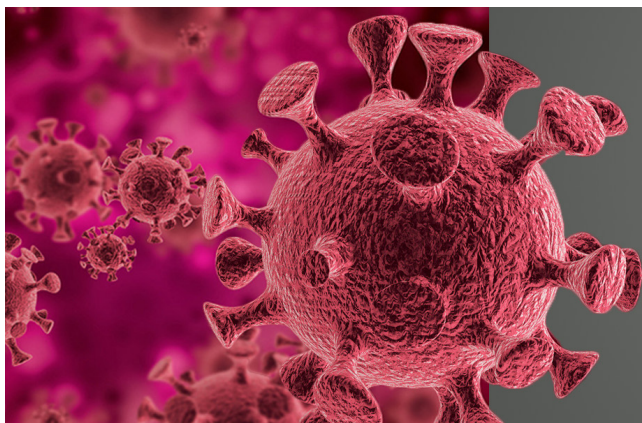
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Parvoviridae</i>
Virus Subfamily	<i>Densovirinae</i>
Virus Genus	<i>Miniambidensovirus</i>
Species	<i>Orthopteran miniambidensovirus 1</i>
Accession number	KF 275669
RefSeq number	N C_022564
Virus Abbrev	AdMDV
Virus Name	Acheta Domestica Mini Ambidensovirus
Genome Composition	ssDNA(+/-)

Target

Introduction	Acheta domestica mini ambidensovirus (AdMDV) is a member of the genus Miniambidensovirus. This virus infects common house crickets (<i>Acheta domestica</i>) with high mortality rates following infection, causing significant commercial losses in the cricket rearing industry worldwide. AdMDV has an ambisense gene expression strategy and a 5 kb genome with short homotelomeric terminal repeats of 0.2 kb. It also harbors an ambisense expression strategy, but only includes one cap, encoding a PLA2-encoding VP1. AdMDV has a unique, split NS1-encoding ORF, suggesting that splicing may be a prominent feature of its yet unresolved transcription strategy.
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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.