

AibGenesis™ Mouse Anti-Abutilon Yellows Virus Monoclonal Antibody (CT0007)

Cat. No.: VRS-0324-YT7

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

Product Overview

Clone	CT0007
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Abutilon Yellows Virus

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 Abutilon Yellows Virus as the capture antigen. Additional applications have not been validated. It is recommended that the end users validate other a

applications and determine optimal concentrations/dilution under their experimental conditions.

Other Product Details

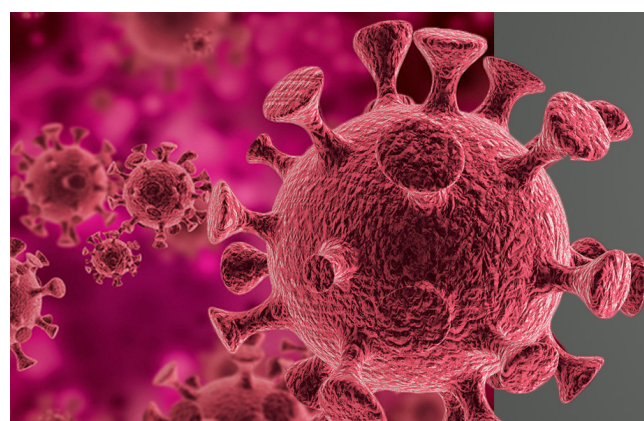
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA
Virus Family	<i>Closteroviridae</i>
Virus Genus	<i>Crinivirus</i>
Species	<i>Abutilon yellows virus</i>
Accession number	AY 422069 ; AY 422070
RefSeq number	N C_043222 ; N C_043221
Virus Abbrev	AYV
Virus Name	Abutilon Yellows Virus
Genome Composition	ssRNA(+)

Target

Introduction	Abutilon yellows virus (AbYV, AYB) is a virus of the genus Crinivirus. AbYV has flexuous filamentous particles of 12 nm in diameter, approximately 850-900 nm in length but the genome remains uncharacterized. AbYV is a whitefly-transmitted crinivirus and is not mechanically transmissible. No crop plants have been identified as hosts; however, the virus can infect members of the Malvaceae, and the experimental solanaceous species.
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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.