

AibGenesis™ Mouse Anti-Agapanthus Carlavirus B Monoclonal Antibody (CT0060)

Cat. No.: VRS-0324-YT60

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

Product Overview

Clone	CT0060
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Agapanthus Carlavirus B

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 Agapanthus Carlavirus B as the capture antigen. Additional applications have not been validated. It is recommended that the end users validate other

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

Other Product Details

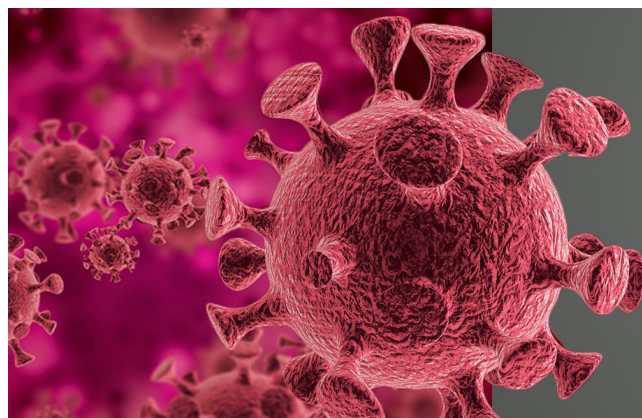
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA
Virus Family	<i>Betaflexiviridae</i>
Virus Subfamily	<i>Quinvirinae</i>
Virus Genus	<i>Carlavirus</i>
Species	<i>Carlavirus AgCVB</i>
Accession number	MW 303999
Virus Abbrev	AgCVB
Virus Name	Agapanthus Carlavirus B
Genome Composition	ssRNA(+)

Target

Introduction	Agapanthus carlavirus B is a member of genus Carlavirus, family Quinvirinae. Diseases associated with this genus include mosaic and ringspot symptoms. Its known host is Agapanthus. This virus consists of a single slightly flexuous rod, 610 to 700 nanometers long by 12 to 15 nanometers in diameter, and contains one positive-sense, single-stranded RNA genome.
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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.