

AibGenesis™ Mouse Anti-Agave Tequilana Virus 1 Monoclonal Antibody (CT0068)

Cat. No.: VRS-0324-YT68

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

Product Overview

Clone	CT0068
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Agave Tequilana Virus 1

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 Agave Tequilana Virus 1 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

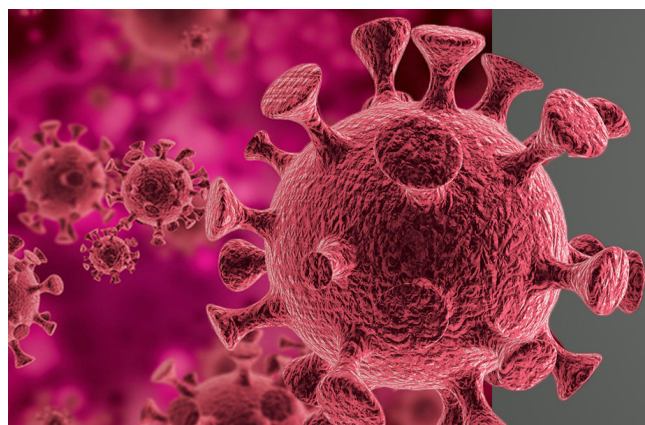
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Negative-sense single-stranded RNA
Virus Family	<i>Rhabdoviridae</i>
Virus Subfamily	<i>Betarhabdovirinae</i>
Virus Genus	<i>Alphanucleorhabdovirus</i>
Species	<i>Alphanucleorhabdovirus agavis</i>
Accession number	BK 014297
Virus Abbrev	ATV1
Virus Name	Agave Tequilana Virus 1
Genome Composition	ssRNA(-)

Target

Introduction	Agave tequilana virus 1 (ATV1), a novel putative alphanucleorhabdovirus, is a member of Rhabdoviridae family. The virus infects Agave tequilana. ATV1 is likely transmitted by a planthopper. ATV1 is a negative-sense, single-stranded RNA virus with the genome organization 3'-N-P-P3-M-G-L-5'.
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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.