

AibGenesis™ Mouse Anti-Alternaria Alternata Virus 1 Monoclonal Antibody (CT0159)

Cat. No.: VRS-0324-YT159

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

Product Overview

Clone	CT0159
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Alternaria Alternata 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 Alternaria Alternata Virus 1 as the capture antigen. Additional applications have not been validated. It is recommended that the end users validate other

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

Other Product Details

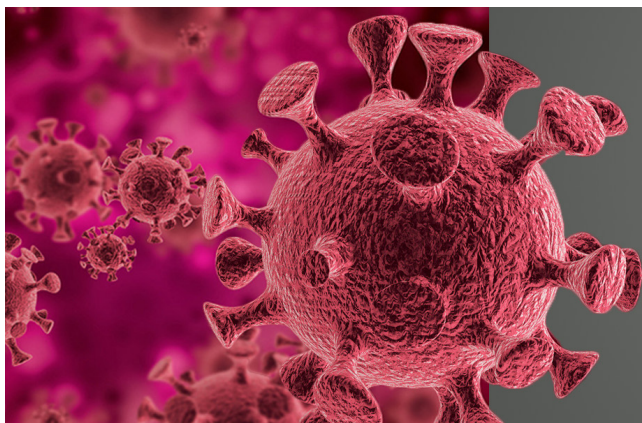
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded RNA virus
Virus Family	<i>Alternaviridae</i>
Virus Genus	<i>Alternavirus</i>
Species	<i>Alternavirus alternariae</i>
Accession number	dsRNA1: AB 368492 ; dsRNA2: AB 438027 ; dsRNA3: AB 438028 ; dsRNA4: AB 438029
RefSeq number	dsRNA1: N C 010984 ; dsRNA2: N C 010989 ; dsRNA3: N C 010990 ; dsRNA4: N C 010991
Virus Abbrev	AaV1
Virus Name	Alternaria Alternata Virus 1
Genome Composition	dsRNA

Target

Introduction	Alternaria alternata virus 1 belongs to the family Alternaviridae and infects the fungus Alternaria alternata. The Alternaviridae family includes viruses with double-stranded RNA genomes that infect fungi. Alternaria alternata virus 1 is known to affect various strains of Alternaria alternata, a plant pathogen that causes diseases in diverse plant species. This virus plays a role in the interaction between the fungus Alternaria alternata and its host plants, affecting the pathogenicity and virulence of the fungus.
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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.