

AibGenesis™ Mouse Anti-Botrylloides Leachii Nidovirus Monoclonal Antibody (CT3998)

Cat. No.: VRS-0724-YT40

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

Product Overview

Clone	CT3998
Host Species	Mouse
Antibody Isotype	IgG

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 that corresponds to a partial sequence of Botrylloides Leachii Nidovirus 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

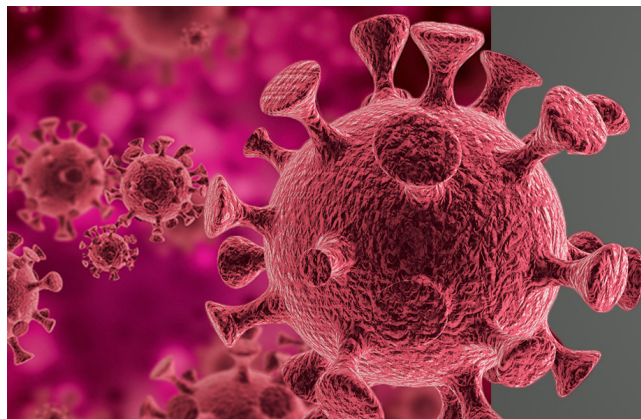
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA
Virus Family	<i>Medioniviridae</i>
Virus Subfamily	<i>Medionivirinae</i>
Virus Genus	<i>Bolenivirus</i>
Species	<i>Botrylloides leachii nidovirus</i>
Accession number	MK 956105 ;
RefSeq number	N C_055538 ;
Virus Abbrev	BINV
Virus Name	Botrylloides Leachii Nidovirus
Genome Composition	ssRNA(+)

Target

Introduction	Botrylloides Leachii Nidovirus is a virus that belongs to the Bolenivirus genus in the family Medioniviridae. Its genome consists of a single-stranded RNA molecule. The virus primarily infects the colonial sea squirt Botrylloides leachii, which is a marine invertebrate. Botrylloides Leachii Nidovirus is thought to be transmitted through direct contact between infected and healthy individuals within the colony. The virus can cause various diseases in its host, including tissue necrosis and organ failure.
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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.