

AibGenesis™ Mouse Anti-Bacopa Monnieri Virus 1 Monoclonal Antibody (CT0397)

Cat. No.: VRS-0324-YT397

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

Product Overview

Clone	CT0397
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacopa Monnieri 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 Bacopa Monnieri 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

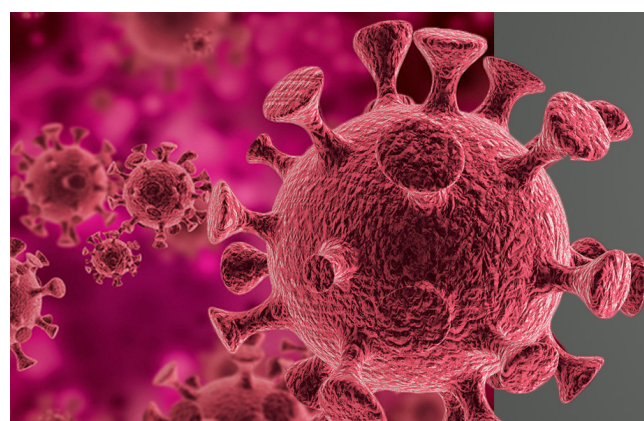
Virus Details

Virus Classification	Negative-sense single-stranded RNA
Virus Family	<i>Rhabdoviridae</i>
Virus Subfamily	<i>Betarhabdovirinae</i>
Virus Genus	<i>Cytorhabdovirus</i>
Species	<i>Cytorhabdovirus bacopae</i>
Accession number	BK 014479
Virus Abbrev	BmV1
Virus Name	Bacopa Monnieri Virus 1
Genome Composition	ssRNA(-)

Target

Introduction

Bacopa Monnieri Virus 1 is a viral organism belonging to the Rhabdoviridae family that infects Bacopa monnieri, a medicinal plant commonly known as Brahmi. This virus has been identified as a potential threat to the cultivation and production of Bacopa monnieri, which has been traditionally used in Ayurvedic medicine for its cognitive-enhancing properties. Bacopa Monnieri Virus 1 is of interest to researchers studying plant virology and viral diseases affecting important medicinal plants.



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.