

AibGenesis™ Mouse Anti-Ceratobium Mosaic Virus Monoclonal Antibody (CT0564)

Cat. No.: VRS-0324-YT564

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

Product Overview

Clone	CT0564
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Ceratobium Mosaic Virus

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 Ceratobium Mosaic Virus as the capture antigen. Additional applications have not been validated. It is recommended that the end users validate other

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

Other Product Details

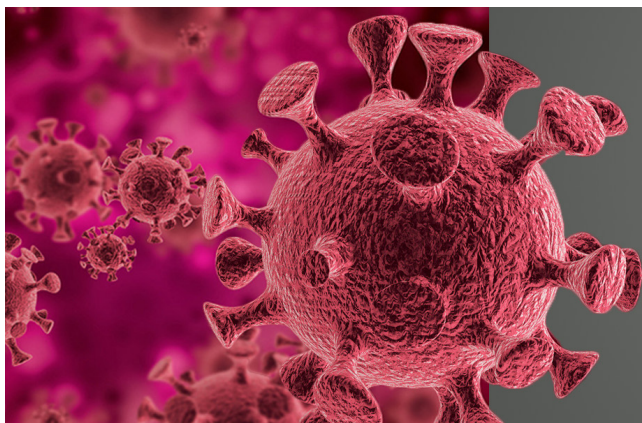
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA
Virus Family	<i>Potyviridae</i>
Virus Genus	<i>Potyvirus</i>
Species	<i>Ceratobium mosaic virus</i>
Accession number	AF 022442
RefSeq number	N C_043143
Virus Abbrev	CerMV
Virus Name	Ceratobium Mosaic Virus
Genome Composition	ssRNA(+)

Target

Introduction	Ceratobium mosaic virus (CerMV) is a plant virus belonging to the Potyviridae family within the Potyvirus genus. As a member of the Potyviridae family, CerMV is known for infecting a wide range of plants and causing mosaic symptoms on its hosts. The virus primarily affects ornamental plants and crops, impacting the yield and quality of the produce. CerMV is transmitted through various means including mechanical transmission via contaminated tools, seed transmission, and potentially through insect vectors. Symptoms of CerMV infection can include leaf mosaic patterns, leaf distortion, yellowing, and stunting of the plant.
--------------	--



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.