

AibGenesis™ Mouse Anti-Beet Chlorosis Virus Movement Protein Monoclonal Antibody

Cat. No.: VRS-0124-YT3133

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

Product Overview

Target	Movement protein
Specificity	This antibody is specific for Movement protein of Beet chlorosis virus.
Clone	TF0323
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Beet chlorosis virus

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Movement protein.
Purity	>95%

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.

Applications

Application	ELISA
Application Notes	The antibody is screened by ELISA using the synthetic peptide that corresponds to a partial sequence of Beet chlorosis virus Movement protein as the capture antigen. Additional applications have not been validated. It is recommended that the end use

rs validate other applications and determine optimal concentrations/dilution under their experimental conditions.

Other Product Details

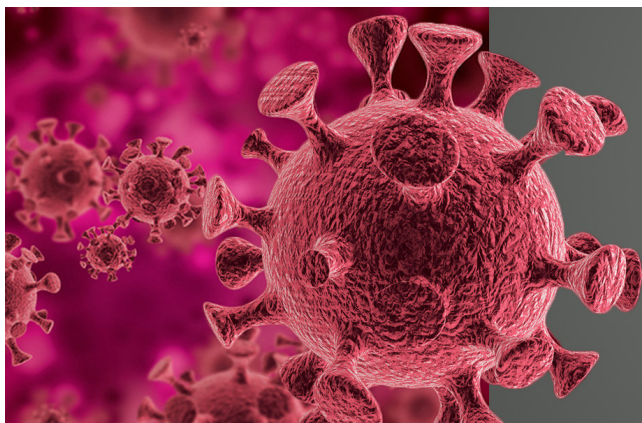
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA Virus
Virus Family	<i>Solemoviridae</i>
Virus Genus	<i>Polerovirus</i>
Species	<i>Beet chlorosis virus</i>
Accession number	AF 352024
RefSeq number	N C 002766
Virus Abbrev	BChV
Virus Name	Beet chlorosis virus
Virus Alternatives Names	Beet chlorosis virus; BChV
Genome Composition	ssRNA(+)

Target

Introduction	Beet chlorosis virus (genus Polerovirus, family Luteoviridae), which is persistently transmitted by the aphid <i>Myzus persicae</i> , is part of virus yellows in sugar beet and causes interveinal yellowing as well as significant yield loss in <i>Beta vulgaris</i> .
Target Alternative Names	BCVgp5, putative protein P4, Movement protein
Gene ID	921083
UniProt ID	Q91AV8



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.