

AibGenesis™ Mouse Anti-Chayote Yellow Mosaic Virus (ChaYMV) (Strain Nigeria/Ibadan) Monoclonal Antibody (CF1048)

Cat. No.: VRS-0124-YT828

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

Product Overview

Clone	CF1048
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Chayote yellow 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 -685°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	WB; ELISA; IHC-P; FC; ICC; IF; IP
Application Notes	The optimal concentrations/dilutions should be determined by the end user.

Other Product Details

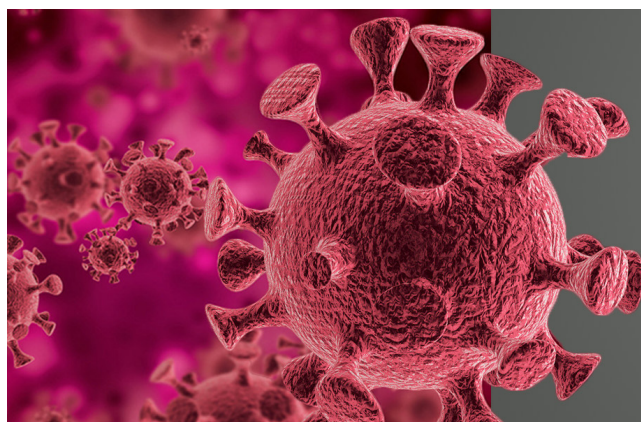
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Single-stranded DNA virus
Virus Family	<i>Geminiviridae</i>
Virus Genus	<i>Begomovirus</i>
Species	<i>Chayote yellow mosaic virus</i>
Accession number	DNA-A: AJ223191
RefSeq number	DNA-A: NC_004618
Virus Abbrev	ChaYMV
Virus Name	Chayote yellow mosaic virus
Virus Alternatives Names	Chayote yellow mosaic virus; ChaYMV
Genome Composition	ssDNA

Target

Introduction	Chayote yellow mosaic virus is a member of the genus Begomovirus in the family Geminiviridae that is transmitted by whitefly. And it is a non-enveloped plant pathogenic virus with single stranded closed circular DNA genome.
Target Alternative Names	Chayote yellow mosaic virus, ChaYMV, Begomovirus, Geminiviridae



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.