

AibGenesis™ Mouse Anti-Candida Albicans Tca2 Virus Monoclonal Antibody (CT4063)

Cat. No.: VRS-0724-YT105

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

Product Overview

Clone	CT4063
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 Candida Albicans Tca2 Virus 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

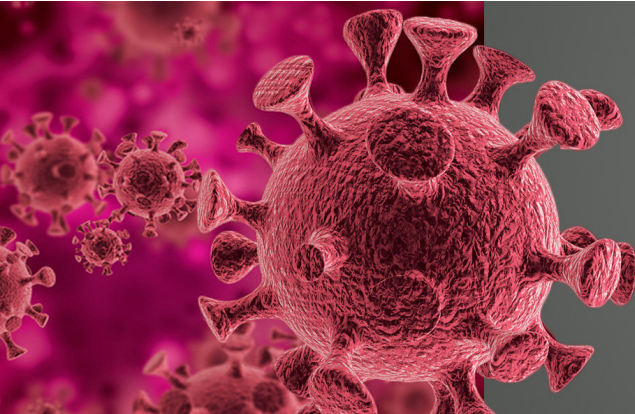
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssRNA-RT virus
Virus Family	<i>Pseudoviridae</i>
Virus Genus	<i>Hemivirus</i>
Species	<i>Candida albicans Tca2 virus</i>
Accession number	AF 050215 ;
Virus Abbrev	CaITca2V
Virus Name	Candida Albicans Tca2 Virus
Genome Composition	ssRNA-RT

Target

Introduction	Candida albicans Tca2 virus is a type of Hemivirus that infects the yeast Candida albicans. It has a small genome and is classified within the family Pseudoviridae. The transmission of this virus is through direct contact with infected yeast cells. The host of Candida albicans Tca2 virus is specifically the Candida albicans yeast, which is a common pathogen found in humans. Infection with this virus can lead to dysregulation of the host immune response and increased virulence of the yeast. There is currently no specific treatment for Candida albicans Tca2 virus, as it is not well-studied and not considered a significant threat to human health. However, antifungal medications are commonly used to treat infections caused by Candida albicans, which may also help control viral replication.
--------------	---



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.