

AibGenesis™ Mouse Anti-Saccharomyces Cerevisiae Virus L-A Monoclonal Antibody (CT5391)

Cat. No.: VRS-0724-YT1433

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

Product Overview

Clone	CT5391
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 Saccharomyces Cerevisiae Virus L-A 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

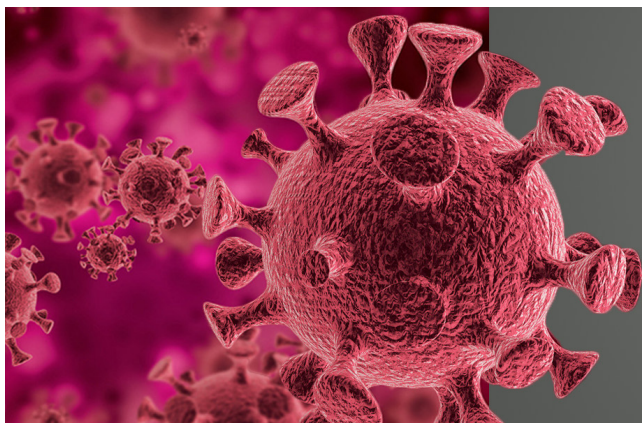
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded RNA virus
Virus Family	<i>Totiviridae</i>
Virus Genus	<i>Totivirus</i>
Species	<i>Saccharomyces cerevisiae virus L-A</i>
Accession number	J046 92 ;
RefSeq number	N C 003745 ;
Virus Abbrev	ScVLA
Virus Name	Saccharomyces Cerevisiae Virus L-A
Genome Composition	dsRNA

Target

Introduction	The <i>Saccharomyces cerevisiae</i> Virus L-A, or L-A dsRNA virus, is a member of the Totivirus genus in the family Totiviridae. Its genome consists of a linear, non-segmented double-stranded RNA molecule approximately 4.6 kb in size. This virus primarily infects the budding yeast <i>Saccharomyces cerevisiae</i>. Transmission of the L-A virus in yeast occurs through cytoplasmic mixing during mating or cell fusion events. The virus is often found in asymptomatic yeast cells, but under certain conditions, it can cause cytopathic effects and alter the physiology of the host strain. Some L-A-infected yeast strains may also contain satellite viruses like M, which encode viral killer toxins.
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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.