

AibGenesis™ Mouse Anti-Karang Sari Virus Monoclonal Antibody (CT4725)

Cat. No.: VRS-0724-YT767

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

Product Overview

Clone	CT4725
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 Karang Sari 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

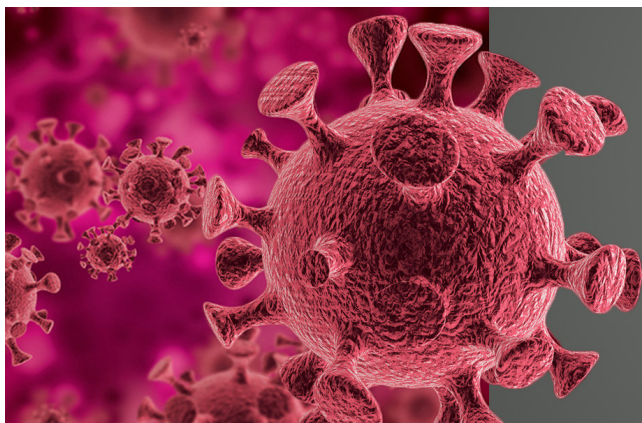
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA
Virus Family	<i>Mesoniviridae</i>
Virus Subfamily	<i>Hexponivirinae</i>
Virus Genus	<i>Alphamesonivirus</i>
Species	<i>Alphamesonivirus 2</i>
Accession number	KC 807171 ;
RefSeq number	N C_038296 ;
Virus Abbrev	KSaV
Virus Name	Karang Sari Virus
Genome Composition	ssRNA(+)

Target

Introduction	Karang Sari virus is a RNA virus belonging to the Alphamesonivirus genus in the Mesoniviridae family. Its genome consists of a single-stranded positive-sense RNA. The virus has been isolated from <i>Culex tritaeniorhynchus</i> mosquitoes in Indonesia. This mosquito species serves as a host for Karang Sari virus. The transmission of Karang Sari virus likely occurs through mosquito bites, which is common for viruses that infect mosquitoes. The diseases caused or associated with Karang Sari virus in humans or animals are not well documented as of now. Given its recent discovery and limited research, information regarding its pathogenic potential, symptoms, treatment, or prevention measures is scarce.
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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.