

AibGenesis™ Mouse Anti-Drakaea Virus A Monoclonal Antibody (CT4290)

Cat. No.: VRS-0724-YT332

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

Product Overview

Clone	CT4290
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 Drakaea Virus A 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

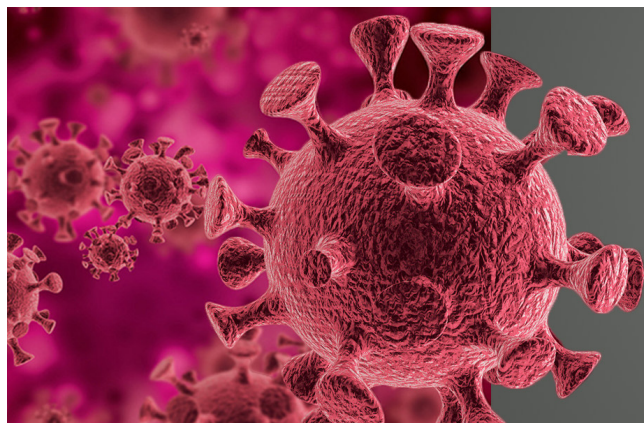
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA
Virus Family	<i>Virgaviridae</i>
Virus Genus	<i>Goravirus</i>
Species	<i>Drakaea virus A</i>
Accession number	RN A1: KP760461 ; RN A2: KP760462 ;
RefSeq number	R NA1: NC_043398 ; R NA2: NC_043399 ;
Virus Abbrev	DrVA
Virus Name	Drakaea Virus A
Genome Composition	ssRNA(+)

Target

Introduction	Drakaea Virus A is a plant virus belonging to the Goravirus genus in the family Virgaviridae. The genome of Drakaea Virus A consists of RNA molecules. This virus is transmitted through mechanical means like agricultural tools or by handling infected plant material. It primarily infects orchids of the genus Drakaea, impacting their growth and flowering. In infected plants, symptoms may include stunted growth, discoloration of leaves, and degradation of floral structures. Drakaea Virus A does not have specific treatments, so management strategies focus on preventing its spread through sanitation measures and avoiding contact between healthy and infected plants.
--------------	---



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.