

AibGenesis™ Mouse Anti-Circoviridae sp. Monoclonal Antibody (CT4151)

Cat. No.: VRS-0724-YT193

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

Product Overview

Clone	CT4151
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 Circoviridae Sp. 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

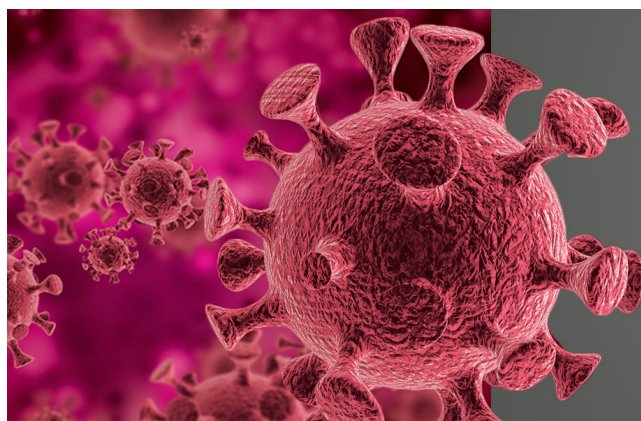
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Nenyaviridae</i>
Virus Genus	<i>Galvornvirus</i>
Species	<i>Galvornvirus isengard</i>
Accession number	MH 617639 ;
Virus Name	Circoviridae Sp.
Genome Composition	ssDNA(+/-)

Target

Introduction	Although the information provided may not reflect an existing virus species, I can offer a generalized overview of circoviruses, which are known pathogens in the Circoviridae family. Circoviruses typically possess circular single-stranded DNA genomes encoding structural and non-structural proteins. They are often transmitted through various means, including aerosols, fecal-oral routes, and direct contact. Circoviruses can infect a wide range of hosts, including mammals, birds, and fish, causing diseases such as respiratory, enteric, and reproductive disorders.
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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.