

AibGenesis™ Mouse Anti-Capybara Genomovirus 3 Monoclonal Antibody (CT4071)

Cat. No.: VRS-0724-YT113

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

Product Overview

Clone	CT4071
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 Cypovirus 3 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

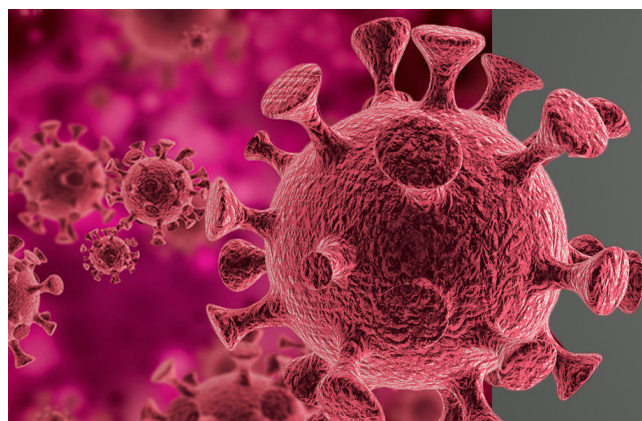
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Genomoviridae</i>
Virus Genus	<i>Gemyduguivirus</i>
Species	<i>Gemyduguivirus hydro1</i>
Accession number	MK 483075 ;
Virus Name	Capybara Genomovirus 3
Genome Composition	ssDNA(+/-)

Target

Introduction	Capybara Genomovirus 3 is a member of the Gemyduguivirus genus in the family Genomoviridae that infects capybaras, the largest rodents in the world. These viruses have a circular, single-stranded DNA genome that is encapsidated in a small, spherical virion. Capybara Genomovirus 3 is known to primarily infect capybaras, causing mild respiratory symptoms and gastrointestinal distress. Despite being relatively harmless to capybaras, these viruses play a crucial role in the ecosystem by maintaining a balance within the capybara population. Capybara Genomovirus 3 spreads through fecal-oral transmission and can survive in the environment for extended periods, making it a potential risk for other animals that come into contact with infected capybara feces. While there is no specific treatment for Capybara Genomovirus 3, proper hygiene and sanitation practices can help prevent its spread among capybara populations.
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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.