

AibGenesis™ Mouse Anti-Cypripa Genomovirus 5 Monoclonal Antibody (CT4072)

Cat. No.: VRS-0724-YT114

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

Product Overview

Clone	CT4072
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 Cypripa Genomovirus 5 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

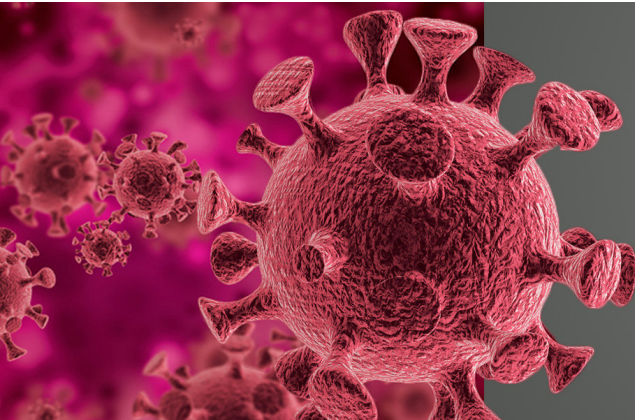
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Genomoviridae</i>
Virus Genus	<i>Gemyduguivirus</i>
Species	<i>Gemyduguivirus hydro3</i>
Accession number	MK 483077 ;
Virus Name	Capybara Genomovirus 5
Genome Composition	ssDNA(+/-)

Target

Introduction	Capybara Genomovirus 5 is a virus belonging to the Gemyduguivirus genus in the family Genomoviridae, which infects capybaras. Capybaras are large rodents found in South America and are known for their semi-aquatic lifestyle. This virus is specifically associated with capybaras, and its impact on the health and population of these animals may vary. As a member of the Genomoviridae family, Capybara Genomovirus 5 likely possesses a small, circular single-stranded DNA genome. These viruses are known for their unique characteristics, such as their small genome size and their ability to infect plants and animals.
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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.