

AibGenesis™ Mouse Anti-Capybara Genomovirus 8 Monoclonal Antibody (CT4074)

Cat. No.: VRS-0724-YT116

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

Product Overview

Clone	CT4074
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 8 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

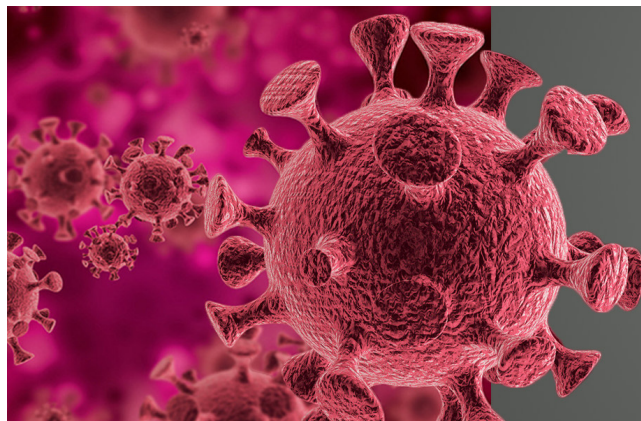
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Genomoviridae</i>
Virus Genus	<i>Gemyduguivirus</i>
Species	<i>Gemyduguivirus hydro2</i>
Accession number	MK 483080 ;
Virus Name	Capybara Genomovirus 8
Genome Composition	ssDNA(+/-)

Target

Introduction	Capybara Genomovirus 8 is a virus that belongs to the Gemyduguivirus genus in the family Genomoviridae. As the name suggests, this virus is specifically associated with capybaras, which are large rodents found in South America. Capybara Genomovirus 8 is a small, circular, single-stranded DNA virus that primarily infects capybaras. Like other viruses in the Genomoviridae family, it has a unique genomic organization and replication strategy. The exact implications and effects of Capybara Genomovirus 8 on capybara populations are still not fully understood, as research on this virus is ongoing. However, viruses like Capybara Genomovirus 8 play a role in the natural dynamics of ecosystems, contributing to the diversity and adaptability of wildlife 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.