

AibGenesis™ Mouse Anti-Cappybara Genomovirus 4 Monoclonal Antibody (CT0548)

Cat. No.: VRS-0324-YT548

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

Product Overview

Clone	CT0548
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Cappybara Genomovirus 4

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 corresponding to a partial sequence of Cappybara Genomovirus 4 as the capture antigen. Additional applications have not been validated. It is recommended that the end users validate other

r applications and determine optimal concentrations/dilution under their experimental conditions.

Other Product Details

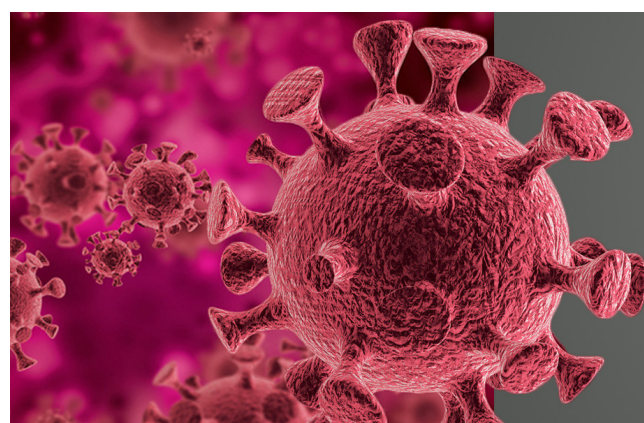
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Genomoviridae</i>
Virus Genus	<i>Gemykibivirus</i>
Species	<i>Gemykibivirus hydro1</i>
Accession number	MK 483076
Virus Name	Capybara Genomovirus 4
Genome Composition	ssDNA(+/-)

Target

Introduction	Capybara Genomovirus 4 is a virus belonging to the Gemykibivirus genus in the family Genomoviridae. It is associated with capybaras, the largest rodents in the world, and is one of the identified viruses within this group. Capybaras are known to inhabit a variety of habitats in South America, and this virus may play a role in their natural ecosystem. While not much is known about Capybara Genomovirus 4 specifically, studying viruses like these can provide insights into the diversity of viruses in animal populations and their potential impact on both wildlife and human health.
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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.