

AibGenesis™ Mouse Anti-Cappybara Genomovirus 10 Monoclonal Antibody (CT4070)

Cat. No.: VRS-0724-YT112

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

Product Overview

Clone	CT4070
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 Cappybara Genomovirus 10 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

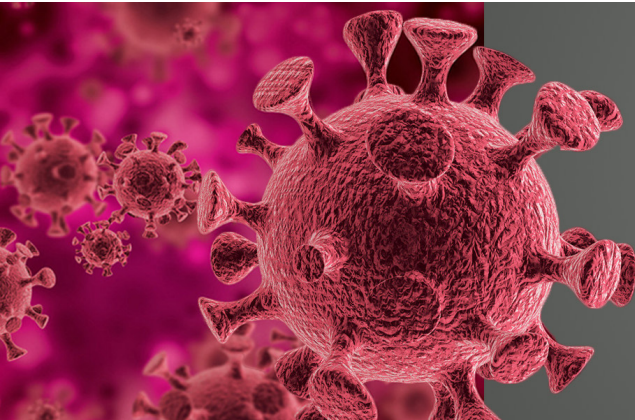
Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Genomoviridae</i>
Virus Genus	<i>Gemykroznavirus</i>
Species	<i>Gemykroznavirus hydro1</i>
Accession number	MK 483082 ;
Virus Name	Capybara Genomovirus 10
Genome Composition	ssDNA(+/-)

Target

Introduction

Capybara Genomovirus 10 is a member of the Gemykroznavirus genus within the family Genomoviridae. The virus was first discovered in capybaras, which are large rodents native to South America. Capybaras are known to be social animals that live in groups, which may contribute to the spread of this virus within their populations. Capybara Genomovirus 10 is a single-stranded DNA virus that infects capybaras, although its impact on the health of these animals is still largely unknown. The virus is part of a larger group of related viruses that have been identified in various animals, plants, and environmental samples.



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.