

## AibGenesis™ Mouse Anti-Cappybara Genomovirus 6 Monoclonal Antibody (CT4073)

Cat. No.: VRS-0724-YT115

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

### Product Overview

|                  |        |
|------------------|--------|
| Clone            | CT4073 |
| 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 6 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

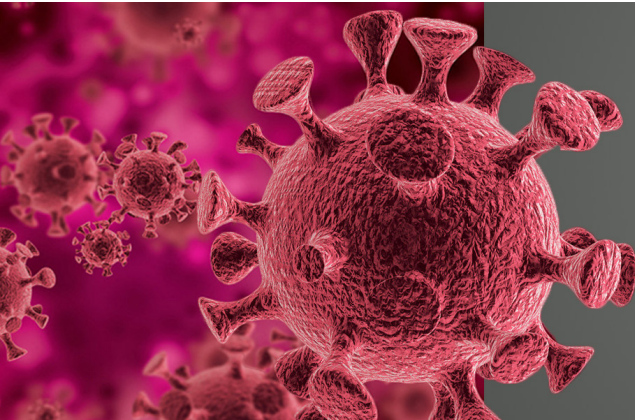
|           |                  |
|-----------|------------------|
| Type      | Primary Antibody |
| Clonality | Monoclonal       |
| ProAb     | Made to order    |

## Virus Details

|                      |                             |
|----------------------|-----------------------------|
| Virus Classification | ssDNA(+/-)                  |
| Virus Family         | <i>Genomoviridae</i>        |
| Virus Genus          | <i>Gemygorvirus</i>         |
| Species              | <i>Gemygorvirus hydro1</i>  |
| Accession number     | <a href="#">MK 483078</a> ; |
| Virus Name           | Capybara Genomovirus 6      |
| Genome Composition   | ssDNA(+/-)                  |

## Target

|              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction | <p>Capybara Genomovirus 6 is a unique virus that is classified under the Genomovirus genus in the Genomoviridae family. This virus is known to infect capybaras, which are large rodents native to South America. Capybaras are social animals that live in groups near bodies of water, making them susceptible to various pathogens. Capable of causing respiratory and gastrointestinal symptoms in capybaras, Capybara Genomovirus 6 poses a threat to the health and well-being of these animals. The virus is transmitted through close contact between infected and susceptible individuals, as well as through contaminated water sources.</p> |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



## 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.