

## **AibGenesis™ Mouse Anti-Barbel Circovirus (BarCV) Monoclonal Antibody (CF0889)**

**Cat. No.: VRS-0124-YT715**

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

### **Product Overview**

|                    |                   |
|--------------------|-------------------|
| Clone              | CF0889            |
| Host Species       | Mouse             |
| Antibody Isotype   | IgG               |
| Species Reactivity | Barbel circovirus |

### **Product Properties**

|               |                                        |
|---------------|----------------------------------------|
| Immunogen     | Synthetic peptide sequence             |
| 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 -572°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics. |

### **Applications**

|                   |                                                                            |
|-------------------|----------------------------------------------------------------------------|
| Application       | WB; ELISA; IHC-P; FC; ICC; IF; IP                                          |
| Application Notes | The optimal concentrations/dilutions should be determined by the end user. |

## Other Product Details

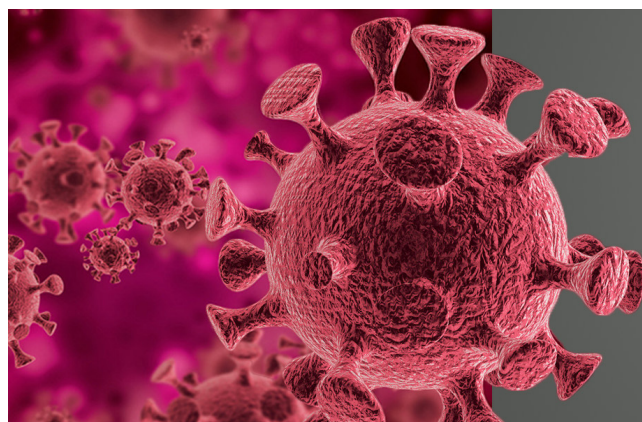
|           |                  |
|-----------|------------------|
| Type      | Primary Antibody |
| Clonality | Monoclonal       |
| ProAb     | Made to order    |

## Virus Details

|                          |                            |
|--------------------------|----------------------------|
| Virus Classification     | Single-stranded DNA virus  |
| Virus Family             | <i>Circoviridae</i>        |
| Virus Genus              | <i>Circovirus</i>          |
| Species                  | <i>Circovirus barbel</i>   |
| Accession number         | <a href="#">GU 799606</a>  |
| RefSeq number            | <a href="#">N C 015399</a> |
| Virus Abbrev             | BarCV                      |
| Virus Name               | Barbel circovirus          |
| Virus Alternatives Names | Barbel circovirus; BarCV   |
| Genome Composition       | ssDNA                      |

## Target

|                          |                                                                                                                                                                                                                        |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction             | Barbel circovirus is a member of the genus Circovirus in the family Circoviridae. Which has circular, covalently closed, single-stranded DNA (ssDNA) genomes, including the smallest known viral pathogens of animals. |
| Target Alternative Names | Barbel circovirus, BarCV, Circovirus, Circoviridae                                                                                                                                                                     |



## 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.