

## **AibGenesis™ Mouse Anti-Bufonid Herpesvirus 1 (Strain: FO1\_2015) ORF67-like Protein Monoclonal Antibody**

**Cat. No.: VRS-0124-YT3976**

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

### **Product Overview**

|                    |                                                                                               |
|--------------------|-----------------------------------------------------------------------------------------------|
| Target             | ORF67-like protein                                                                            |
| Specificity        | This antibody is specific for ORF67-like protein of Bufonid herpesvirus 1 (Strain: FO1_2015). |
| Clone              | TF1776                                                                                        |
| Host Species       | Mouse                                                                                         |
| Antibody Isotype   | IgG                                                                                           |
| Species Reactivity | Bufonid herpesvirus 1                                                                         |

### **Product Properties**

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| Immunogen | Synthetic peptide corresponding to partial sequence of ORF67-like protein. |
| Purity    | >95%                                                                       |

### **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.                     |

### **Applications**

|                   |                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application       | ELISA                                                                                                                                                                    |
| Application Notes | The antibody is screened by ELISA using the synthetic peptide that corresponds to a partial sequence of Bufonid herpesvirus 1 ORF67-like protein as the capture antigen. |

en. 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     | Double-stranded DNA virus    |
| Virus Name               | Bufonid herpesvirus 1        |
| Virus Alternatives Names | Bufonid herpesvirus 1; BfHV1 |
| Genome Composition       | dsDNA                        |

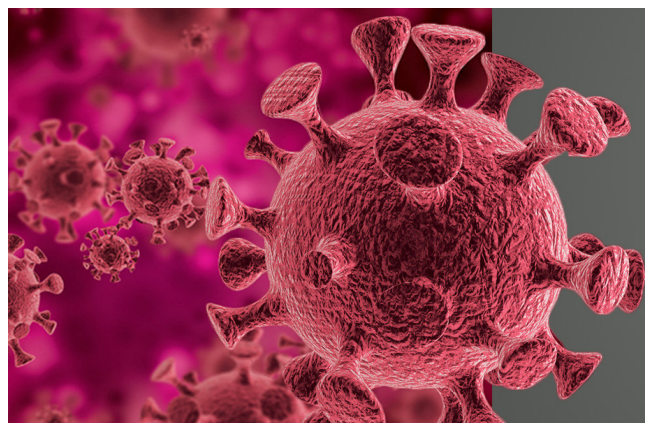
## Target

|              |                                                                                                                                                                                                                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction | Bufonid herpesvirus 1 (Strain: FO1_2015) (BfHV1) is found in the skin and occasionally in the brain of infected toads. The genome of the virus is at least 158 Kb long and contains at least 152 open reading frames with a minimal length of 270 nt. The genome of BfHV1 contains all the signature genes that are present in alloherpesviruses. |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                          |                                        |
|--------------------------|----------------------------------------|
| Target Alternative Names | EXK35_gp117, ORF67-like protein, ORF90 |
|--------------------------|----------------------------------------|

|         |                           |
|---------|---------------------------|
| Gene ID | <a href="#">417024.49</a> |
|---------|---------------------------|

|            |                             |
|------------|-----------------------------|
| UniProt ID | <a href="#">A0A384_ZVE7</a> |
|------------|-----------------------------|



## 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.