

## AibGenesis™ Mouse Anti-Bipolaris Maydis Botybirnavirus 1 RNA-directed RNA Polymerase Monoclonal Antibody

Cat. No.: VRS-0124-YT3602

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

### Product Overview

|                    |                                                                                                 |
|--------------------|-------------------------------------------------------------------------------------------------|
| Target             | RdRP                                                                                            |
| Specificity        | This antibody is specific for RNA-directed RNA polymerase of Bipolaris maydis botybirnavirus 1. |
| Clone              | TF0826                                                                                          |
| Host Species       | Mouse                                                                                           |
| Antibody Isotype   | IgG                                                                                             |
| Species Reactivity | Bipolaris maydis botybirnavirus 1                                                               |

### Product Properties

|           |                                                                                     |
|-----------|-------------------------------------------------------------------------------------|
| Immunogen | Synthetic peptide corresponding to partial sequence of RNA-directed RNA polymerase. |
| 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 Bipolaris maydis botybirnavirus 1 RNA-directed RNA polymerase 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

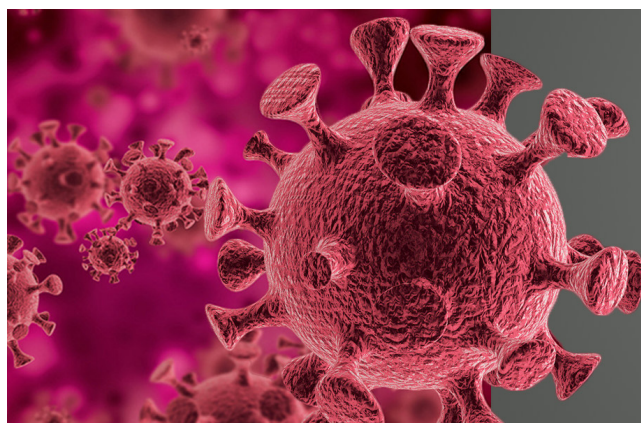
|           |                  |
|-----------|------------------|
| Type      | Primary Antibody |
| Clonality | Monoclonal       |
| ProAb     | Made to order    |

## Virus Details

|                          |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| Virus Classification     | Double-stranded RNA virus                                                         |
| Virus Name               | Bipolaris maydis botybirnavirus 1                                                 |
| Virus Alternatives Names | Bipolaris maydis botybirnavirus; BmBRV; BmBRV1; Bipolaris maydis botybirnavirus 1 |
| Genome Composition       | dsRNA                                                                             |

## Target

|                          |                                                                                                                                                                      |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction             | A novel double-stranded RNA (dsRNA) mycovirus designated Bipolaris maydis botybirnavirus 1 (BmBRV1) from B. maydis strain JZ11 in Jingzhou, Hubei province of China. |
| Target Alternative Names | F2P92_s1gp1, RNA-directed RNA polymerase                                                                                                                             |
| Gene ID                  | <a href="#">417042.62</a>                                                                                                                                            |
| UniProt ID               | <a href="#">A0A2R4_FX68</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.