

## AibGenesis™ Mouse Anti-Bacillus Phage Phi3T (Bacteriophage Phi-3T) YonK Protein Monoclonal Antibody

Cat. No.: VRS-0124-YT2092

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

### Product Overview

|                    |                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------|
| Target             | YonK protein                                                                               |
| Specificity        | This antibody is specific for YonK protein of Bacillus Phage phi3T (Bacteriophage phi-3T). |
| Clone              | TJ1399                                                                                     |
| Host Species       | Mouse                                                                                      |
| Antibody Isotype   | IgG                                                                                        |
| Species Reactivity | Bacillus Phage phi3T (Bacteriophage phi-3T)                                                |

### Product Properties

|           |                                                                      |
|-----------|----------------------------------------------------------------------|
| Immunogen | Synthetic peptide corresponding to partial sequence of YonK 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 Bacillus Phage phi3T YonK protein as the capture antigen. Ad |

ditional 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    |

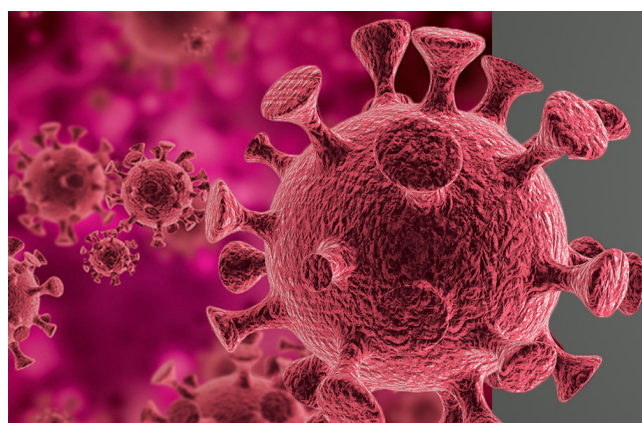
## Virus Details

|                          |                                             |
|--------------------------|---------------------------------------------|
| Virus Classification     | Double-stranded DNA virus                   |
| Virus Name               | Bacillus Phage phi3T (Bacteriophage phi-3T) |
| Virus Alternatives Names | Bacillus phage; Bacillus phage phi3T        |
| Genome Composition       | dsDNA                                       |

## Target

|              |                                                                                                                                                                                                                      |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction | A Bacillus phage is a member of a group of bacteriophages known to have bacteria in the genus Bacillus as host species. Bacillus phage phi3T (Bacteriophage phi-3T) has been found to belong to family Siphoviridae. |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                          |                             |
|--------------------------|-----------------------------|
| Target Alternative Names | phi3T_54                    |
| UniProt ID               | <a href="#">A0A1P8_CWT3</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.