

## AibGenesis™ Mouse Anti-Bacillus Phage TP21-L Gp21 Monoclonal Antibody

Cat. No.: VRS-0124-YT154

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

### Product Overview

|                    |                                                              |
|--------------------|--------------------------------------------------------------|
| Target             | Gp21                                                         |
| Specificity        | This antibody is specific for Gp21 of Bacillus Phage TP21-L. |
| Clone              | TJ1789                                                       |
| Host Species       | Mouse                                                        |
| Antibody Isotype   | IgG                                                          |
| Species Reactivity | Bacillus Phage TP21-L                                        |

### Product Properties

|               |                                                              |
|---------------|--------------------------------------------------------------|
| Immunogen     | Synthetic peptide corresponding to partial sequence of Gp21. |
| 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 | WB; ELISA; IHC-P; FC; ICC; IF; IP |
|-------------|-----------------------------------|

## Other Product Details

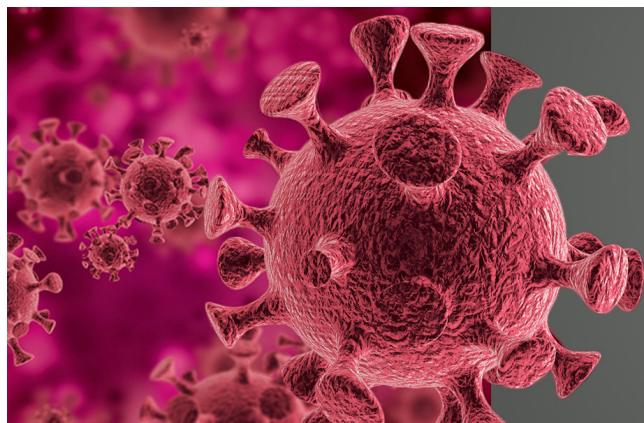
|           |                  |
|-----------|------------------|
| Type      | Primary Antibody |
| Clonality | Monoclonal       |
| ProAb     | Made to order    |

## Virus Details

|                          |                                                       |
|--------------------------|-------------------------------------------------------|
| Virus Classification     | Double-stranded DNA virus                             |
| Virus Genus              | <i>Lwoffvirus</i>                                     |
| Species                  | <i>Lwoffvirus TP21</i>                                |
| Accession number         | <a href="#">EU 887664</a>                             |
| RefSeq number            | <a href="#">N C 011645</a>                            |
| Virus Name               | Bacillus Phage TP21-L                                 |
| Virus Alternatives Names | woffvirus TP21; Bacillus phage; Bacillus phage TP21-L |
| 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 TP21-L has been found to belong to family Siphoviridae. |
| Target Alternative Names | TP21-L_gp21                                                                                                                                                                                    |
| Gene ID                  | <a href="#">7070044</a>                                                                                                                                                                        |
| UniProt ID               | <a href="#">B8R886</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.