

## **AibGenesis™ Mouse Anti-Bacillus Phage Bobb Recombination Helicase Monoclonal Antibody**

**Cat. No.: VRS-0124-YT1519**

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

### **Product Overview**

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Target             | Recombination helicase                                                       |
| Specificity        | This antibody is specific for Recombination helicase of Bacillus Phage Bobb. |
| Clone              | TJ1132                                                                       |
| Host Species       | Mouse                                                                        |
| Antibody Isotype   | IgG                                                                          |
| Species Reactivity | Bacillus Phage Bobb                                                          |

### **Product Properties**

|           |                                                                                |
|-----------|--------------------------------------------------------------------------------|
| Immunogen | Synthetic peptide corresponding to partial sequence of Recombination helicase. |
| 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 Bobb Recombination helicase 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

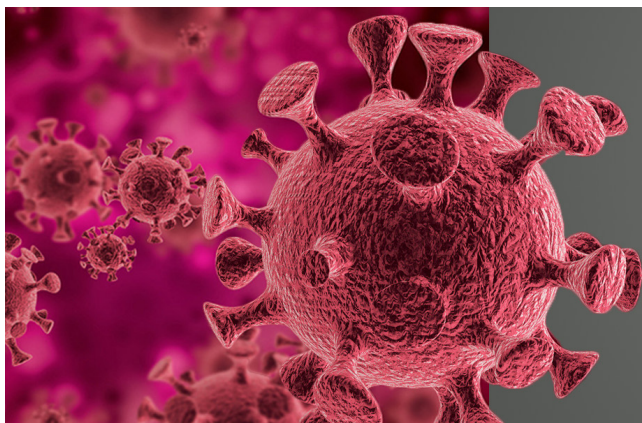
|           |                  |
|-----------|------------------|
| Type      | Primary Antibody |
| Clonality | Monoclonal       |
| ProAb     | Made to order    |

## Virus Details

|                          |                                                      |
|--------------------------|------------------------------------------------------|
| Virus Classification     | Double-stranded DNA virus                            |
| Virus Family             | <i>Herelleviridae</i>                                |
| Virus Subfamily          | <i>Bastillevirinae</i>                               |
| Virus Genus              | <i>Agatevirus</i>                                    |
| Species                  | <i>Agatevirus bobb</i>                               |
| Accession number         | <a href="#">KM 051843</a>                            |
| RefSeq number            | <a href="#">N C_024792</a>                           |
| Virus Name               | Bacillus Phage Bobb                                  |
| Virus Alternatives Names | Agatevirus bobb; Bacillus phage; Bacillus phage Bobb |
| 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 Bobb has been found to belong to family Herelleviridae. |
| Target Alternative Names | LD13_gp163                                                                                                                                                                                     |
| Gene ID                  | <a href="#">202834.50</a>                                                                                                                                                                      |
| UniProt ID               | <a href="#">A0A076_G7W6</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.