

## AibGenesis™ Mouse Anti-Bacillus Phage Spock Monoclonal Antibody (CF0162)

Cat. No.: VRS-0124-YT762

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

### Product Overview

|                    |                      |
|--------------------|----------------------|
| Clone              | CF0162               |
| Host Species       | Mouse                |
| Antibody Isotype   | IgG                  |
| Species Reactivity | Bacillus phage Spock |

### Product Properties

|               |                                        |
|---------------|----------------------------------------|
| 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 -619°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                                          |
| Application Notes | The optimal concentrations/dilutions should be determined by the end user. |

### Other Product Details

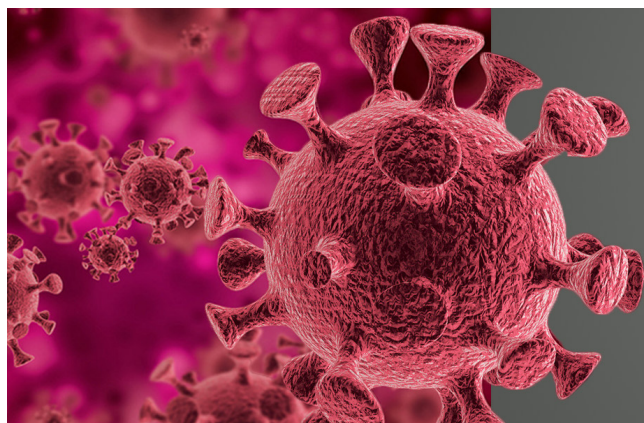
|           |                  |
|-----------|------------------|
| Type      | Primary Antibody |
| Clonality | Monoclonal       |
| ProAb     | Made to order    |

## Virus Details

|                          |                                           |
|--------------------------|-------------------------------------------|
| Virus Classification     | Double-stranded DNA virus                 |
| Virus Family             | <i>Herelleviridae</i>                     |
| Virus Subfamily          | <i>Bastillevirinae</i>                    |
| Virus Genus              | <i>Bequatrovirus</i>                      |
| Species                  | <i>Bequatrovirus spock</i>                |
| Accession number         | <a href="#">KF 669662</a>                 |
| RefSeq number            | <a href="#">N C 022763</a>                |
| Virus Name               | Bacillus phage Spock                      |
| Virus Alternatives Names | Bequatrovirus spock; Bacillus phage Spock |
| Genome Composition       | dsDNA                                     |

## Target

|                          |                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Introduction             | Bacillus virus Spock is a species of the Virus Subfamily Bastillevirinae which are well-supported monophyletic clades in genome-based phylogenies and in (concatenated) marker gene phylogenies. |
| Target Alternative Names | Bacillus virus Spock, Bacillus phage Spock, Bequatrovirus, Bastillevirinae, Herelleviridae                                                                                                       |



## 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.