



## AibGenesis™ Mouse Anti-VACV VITF3L Monoclonal Antibody

Cat. No.: VRS-0224-YT282

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

### Product Overview

|                    |                |
|--------------------|----------------|
| Target             | VITF3L         |
| Specificity        | VACV           |
| Clone              | 20267YF        |
| Host Species       | Mouse          |
| Antibody Isotype   | IgG            |
| Species Reactivity | Vaccinia virus |

### Product Properties

|               |                                        |
|---------------|----------------------------------------|
| Immunogen     | Synthetic peptide sequence             |
| 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 | ELISA |
|-------------|-------|

|                   |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes | The antibody is screened by ELISA using the synthetic peptide corresponding to a partial sequence of Vaccinia virus VITF3L 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>Poxviridae</i>         |
| Virus Subfamily          | <i>Chordopoxvirinae</i>   |
| Virus Genus              | <i>Orthopoxvirus</i>      |
| Species                  | <i>Vaccinia virus</i>     |
| Accession number         | <a href="#">AY 243312</a> |
| RefSeq number            | <a href="#">NC_6998</a>   |
| Virus Abbrev             | VACV                      |
| Virus Name               | Vaccinia virus            |
| Virus Alternatives Names | Vaccinia Virus; VACV      |
| Genome Composition       | dsDNA                     |

## Target

|                          |                                                                                 |
|--------------------------|---------------------------------------------------------------------------------|
| Target Alternative Names | Intermediate transcription factor 3 large subunit, Vaccinia virus, VACV, VITF3L |
| Gene ID                  | <a href="#">3707673</a>                                                         |
| UniProt ID               | <a href="#">Q49QA3</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.