

AibGenesis™ Mouse Anti-Bacillus Phage VB_BpsM-61 Minor Capsid Protein 2 Monoclonal Antibody

Cat. No.: VRS-0124-YT2213

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

Product Overview

Target	Minor capsid protein 2
Specificity	This antibody is specific for Minor capsid protein 2 of Bacillus Phage vB_BpsM-61.
Clone	TJ1851
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus Phage vB_BpsM-61

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Minor capsid protein 2.
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 vB_BpsM-61 Minor capsid protein 2 as the capture antigen. Additional applications have not been validated. It is recommended that

t 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

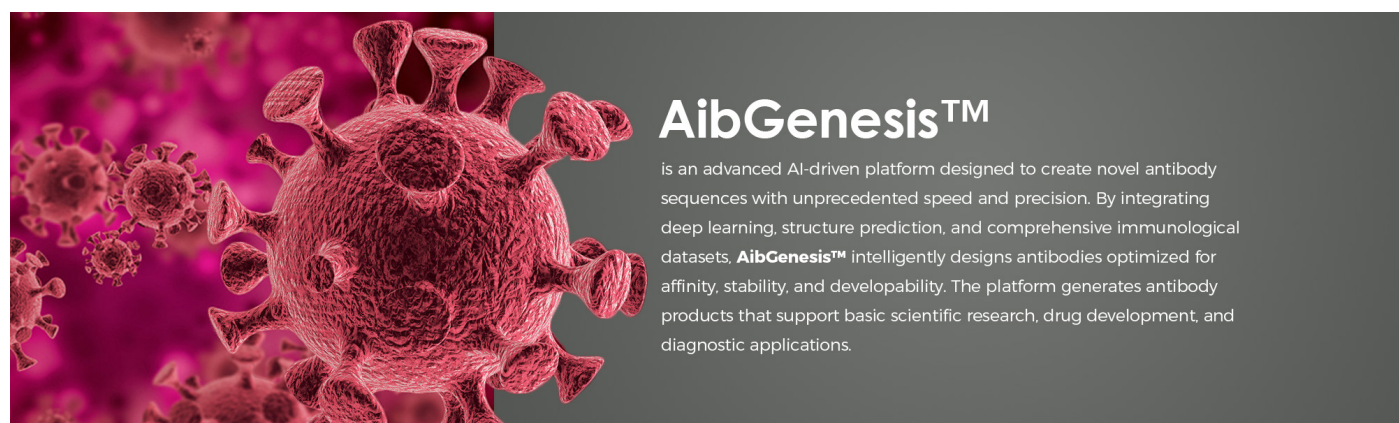
Virus Classification	Double-stranded DNA virus
Virus Name	Bacillus Phage vB_BpsM-61
Virus Alternatives Names	Bacillus phage; Bacillus phage vB_BpsM-61
Genome Composition	dsDNA

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 vB_BpsM-61 has been found to belong to family Siphoviridae.

Target Alternative Names BpsM61_00045

UniProt ID [A0A3G3 BWY9](#)

The image features a large, detailed 3D model of a virus particle with a spherical body and numerous surface spikes, set against a dark background with other smaller virus particles. To the right of the virus model, the text 'AibGenesis™' is displayed in a large, bold, white font. Below the logo, a paragraph of text describes the platform as an advanced AI-driven tool for antibody design.

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.