

AibGenesis™ Mouse Anti-Bacillus Virus 1 Phage Capsid Protein Monoclonal Antibody

Cat. No.: VRS-0124-YT1807

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

Product Overview

Target	Phage capsid protein
Specificity	This antibody is specific for Phage capsid protein of Bacillus Virus 1.
Clone	TJ0102
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus Virus 1

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Phage capsid protein.
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 Virus 1 Phage capsid protein as the capture antigen. Additional applications have not been validated. It is recommended that the end use

rs validate other applications and determine optimal concentrations/dilution under their experimental conditions.

Other Product Details

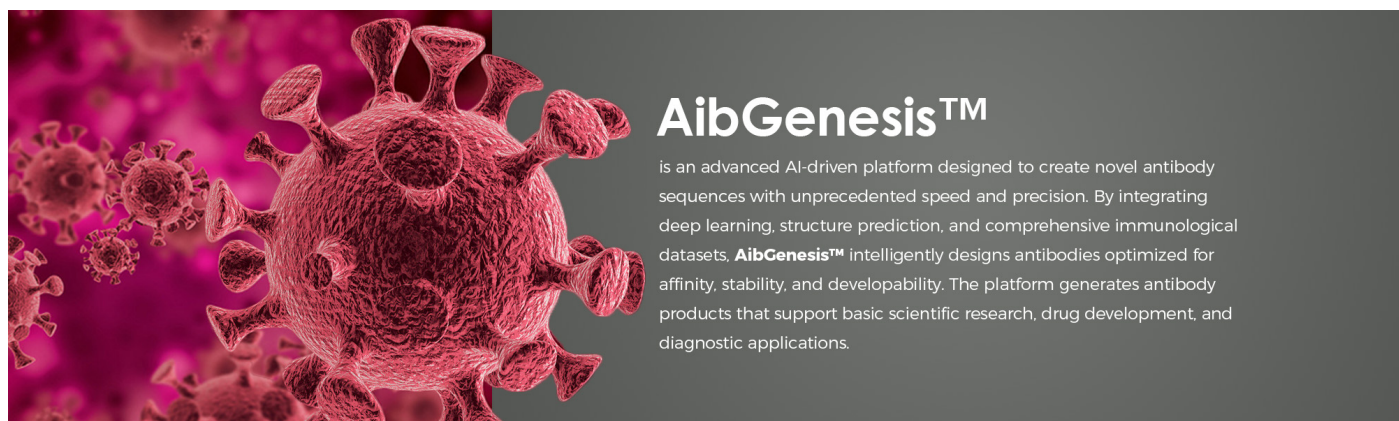
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Genus	<i>Svunavirus</i>
Species	<i>Svunavirus sv1</i>
Accession number	DQ 840344
RefSeq number	N C 009737
Virus Name	Bacillus phage 1
Virus Alternatives Names	Bacillus phage 1
Genome Composition	dsDNA

Target

Introduction	A bacillus virus is a member of a group of bacteriophages known to have bacteria in the genus Bacillus as host species. These bacteriophages have been found to belong to the families Myoviridae, Siphoviridae, Podoviridae or Tectiviridae.
Target Alternative Names	Phage capsid protein, BV1_gp21
Gene ID	5469556
UniProt ID	



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.