

AibGenesis™ Mouse Anti-Bacillus Phage TP21-L Gp4 Monoclonal Antibody

Cat. No.: VRS-0124-YT165

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

Product Overview

Target	Gp4
Specificity	This antibody is specific for Gp4 of Bacillus Phage TP21-L.
Clone	TJ1800
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus Phage TP21-L

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Gp4.
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 -22°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
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Other Product Details

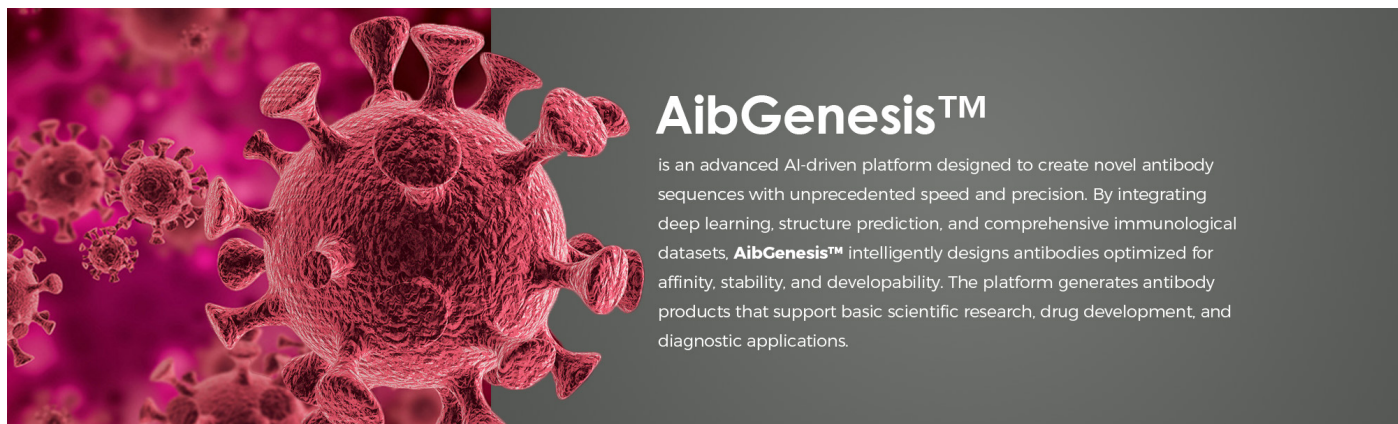
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Genus	<i>Lwoffvirus</i>
Species	<i>Lwoffvirus TP21</i>
Accession number	EU 887664
RefSeq number	N C 011645
Virus Name	Bacillus Phage TP21-L
Virus Alternatives Names	woffvirus TP21; Bacillus phage; Bacillus phage TP21-L
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 TP21-L has been found to belong to family Siphoviridae.
Target Alternative Names	Gp4
UniProt ID	B8R869



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.