



AibGenesis™ Mouse Anti-Bacillus Phage SP01 (Bacteriophage SP01) Gp34.16 Monoclonal Antibody

Cat. No.: VRS-0124-YT4941

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

Product Overview

Target	Gp34.16
Specificity	This antibody is specific for Gp34.16 of Bacillus Phage SP01 (Bacteriophage SP01).
Clone	TJ1607
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus Phage SP01 (Bacteriophage SP01)

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Gp34.16.
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 SP01 Gp34 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 Name	Bacillus Phage SP01 (Bacteriophage SP01)
Virus Alternatives Names	Okubovirus SPO1; Bacillus virus SPO1; Bacillus phage; Bacillus phage SP01; Bacteriophage; Bacteriophage SP01
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 SP01 (Bacteriophage SP01) has been found to belong to family Herelleviridae.
Target Alternative Names	34.16, SPO1_164
Gene ID	7009153
UniProt ID	B6V2T7



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.