

AibGenesis™ Mouse Anti-Bacillus Phage W.Ph. Gp83 Monoclonal Antibody

Cat. No.: VRS-0124-YT366

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

Product Overview

Target	Gp83
Specificity	This antibody is specific for Gp83 of Bacillus Phage W.Ph..
Clone	TJ2102
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus Phage W.Ph.

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Gp83.
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 -223°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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Application Notes	The optimal concentrations/dilutions should be determined by the end user.
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Other Product Details

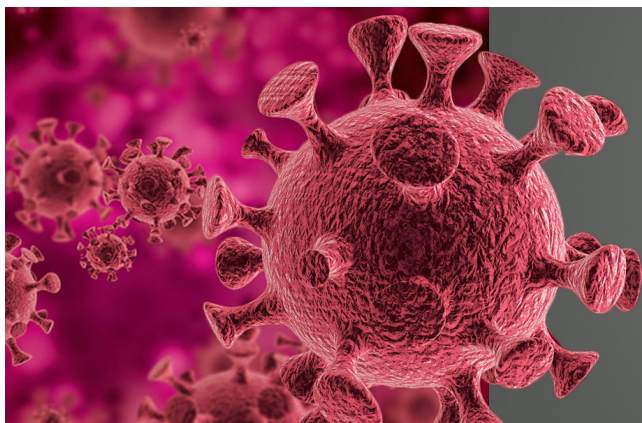
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Family	<i>Herelleviridae</i>
Virus Subfamily	<i>Bastillevirinae</i>
Virus Genus	<i>Wphvirus</i>
Species	<i>Wphvirus WPh</i>
Accession number	HM 144387
RefSeq number	N C 016563
Virus Name	Bacillus Phage W.Ph.
Virus Alternatives Names	Wphvirus WPh; Bacillus virus WPh; Bacillus phage; Bacillus phage W.Ph.
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 W.Ph. has been found to belong to family Herelleviridae.
Target Alternative Names	H665_gp083
Gene ID	115367.39
UniProt ID	G9B114



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.