

AibGenesis™ Mouse Anti-Bacillus Phage PBC2 Nicotinamide Mononucleotide Transporter Monoclonal Antibody

Cat. No.: VRS-0124-YT2059

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

Product Overview

Target	Nicotinamide mononucleotide transporter
Specificity	This antibody is specific for Nicotinamide mononucleotide transporter of Bacillus Phage PBC2.
Clone	TJ1305
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus Phage PBC2

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Nicotinamide mononucleotide transporter.
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
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Application Notes	The antibody is screened by ELISA using the synthetic peptide that corresponds to a partial sequence of Bacillus Phage PBC2 Nicotinamide mononucleotide transporter 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.
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Other Product Details

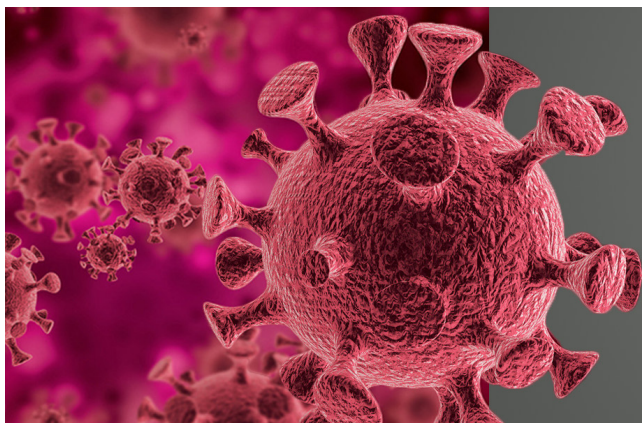
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Subfamily	<i>Andregratiavirinae</i>
Virus Genus	<i>Haetaevirus</i>
Species	<i>Haetaevirus PBC2</i>
Accession number	KT 070867
Virus Name	Bacillus Phage PBC2
Virus Alternatives Names	Bacillus phage; Bacillus phage PBC2
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 PBC2 has been found to belong to family Siphoviridae.
Target Alternative Names	PBC2_052
UniProt ID	A0A218 KBU3



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.