

AibGenesis™ Mouse Anti-Bacillus Phage phiNIT1 Monoclonal Antibody (CF0171)

Cat. No.: VRS-0124-YT1304

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

Product Overview

Clone	CF0171
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus phage phiNIT1

Product Properties

Purity	>95%
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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 NIT1 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

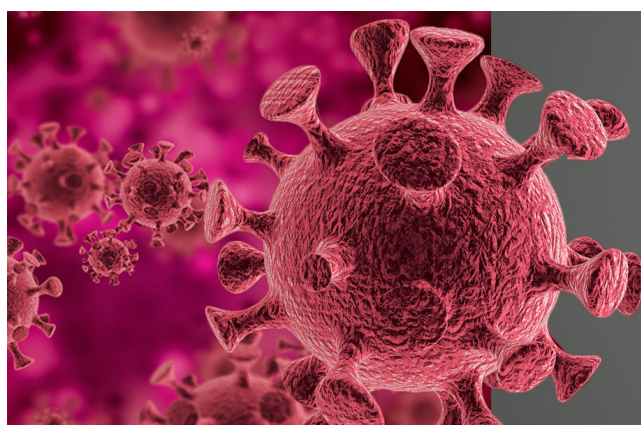
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Name	Bacillus phage NIT1
Virus Alternatives Names	Nitunavirus NIT1; Nitunavirus NIT1; Bacillus virus NIT1
Genome Composition	dsDNA

Target

Introduction	Bacillus virus NIT1 is a species of the Genus Nitunavirus and shared more than 95% identical in genome nucleotide sequence with other species of Genus Nitunavirus.
Target Alternative Names	Bacillus virus NIT1, Bacillus phage phiNIT1, Nitunavirus, Bastillevirinae, Herelleviridae



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.