

AibGenesis™ Mouse Anti-Bacillus Phage CP-51 Monoclonal Antibody (CF0203)

Cat. No.: VRS-0124-YT1413

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

Product Overview

Clone	CF0203
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus phage CP-51

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 CP51 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

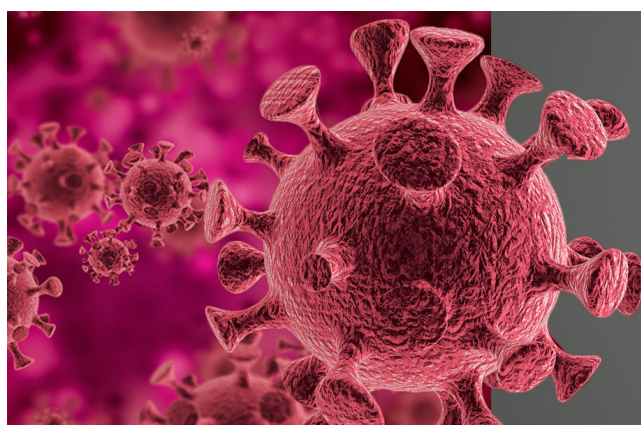
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Name	Bacillus phage CP51
Virus Alternatives Names	Siminovitchvirus CP51; Siminovitchvirus CP51
Genome Composition	dsDNA

Target

Introduction	Bacillus virus CP51 a virus of the family Herelleviridae, genus Siminovitchvirus. Which is a dsDNA virus and its genome has a 43% GC content and features substitution of 5-hydroxymethyluracil for thymine.
Target Alternative Names	Bacillus virus CP51, Bacillus phage CP-51, Siminovitchvirus, Spounavirinae, 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.