

AibGenesis™ Mouse Anti-Bacillus Phage VB_BcM_Sam112 XkdW-like Protein Monoclonal Antibody

Cat. No.: VRS-0124-YT2196

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

Product Overview

Target	XkdW-like protein
Specificity	This antibody is specific for XkdW-like protein of Bacillus Phage vB_BcM_Sam112.
Clone	TJ1832
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus Phage vB_BcM_Sam112

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of XkdW-like protein.
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 vB_BcM_Sam112 XkdW-like protein as the capture antigen. Additional applications have not been validated. It is recommended that

t the end users validate other applications and determine optimal concentrations/dilution under their experimental conditions.

Other Product Details

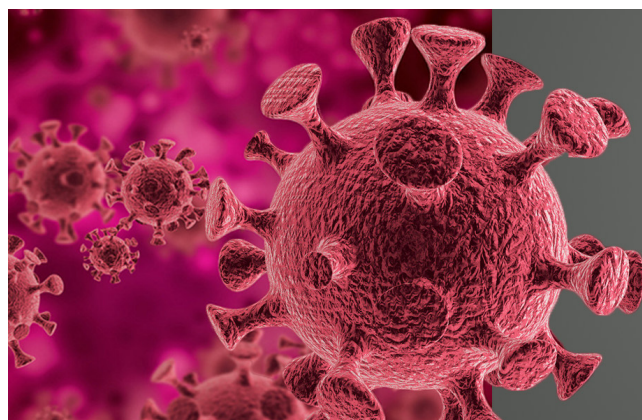
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Name	Bacillus Phage vB_BcM_Sam112
Virus Alternatives Names	Bacillus phage; Bacillus phage vB_BcM_Sam112
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 vB_BcM_Sam112 has been found to belong to family Myoviridae.
Target Alternative Names	Sam112_gp25
UniProt ID	A0A5Q2_F4Z2



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.