



AibGenesis™ Mouse Anti-Bacillus Phage PBS1 (Bacteriophage PBS1) RNA Polymerase Beta Subunit Monoclonal Antibody

Cat. No.: VRS-0124-YT88

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

Product Overview

Target	RNA polymerase beta subunit
Specificity	This antibody is specific for RNA polymerase beta subunit of Bacillus Phage PBS1 (Bacteriophage PBS1).
Clone	TJ1326
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bacillus Phage PBS1 (Bacteriophage PBS1)

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of RNA polymerase beta subunit.
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 -20°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
Application Notes	The optimal concentrations/dilutions should be determined by the end user.

Other Product Details

Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Genus	<i>Takahashivirus</i>
Species	<i>Takahashivirus PBS1</i>
Accession number	MF 360957
RefSeq number	N C 043027
Virus Name	Bacillus Phage PBS1 (Bacteriophage PBS1)
Virus Alternatives Names	Takahashivirus PBS1; Bacillus phage; Bacillus phage AR9
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 PBS1 (Bacteriophage PBS1) has been found to belong to family Myoviridae.
Target Alternative Names	155, PBI_PBS1_155
Gene ID	405243.88
UniProt ID	A0A223.LCN7



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.