

AibGenesis™ Mouse Anti-Bufonid Herpesvirus 1 (Strain: FO1_2015) DNA-directed DNA Polymerase Monoclonal Antibody

Cat. No.: VRS-0124-YT3987

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

Product Overview

Target	DNA-directed DNA polymerase
Specificity	This antibody is specific for DNA-directed DNA polymerase of Bufonid herpesvirus 1 (Strain: FO1_2015).
Clone	TF1787
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bufonid herpesvirus 1

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of DNA-directed DNA polymerase.
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 Bufonid herpesvirus 1 DNA-directed DNA polymerase 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

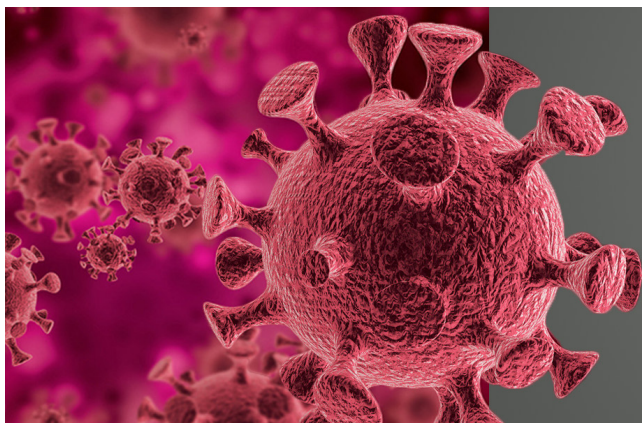
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Name	Bufonid herpesvirus 1
Virus Alternatives Names	Bufonid herpesvirus 1; BfHV1
Genome Composition	dsDNA

Target

Introduction	Bufonid herpesvirus 1 (Strain: FO1_2015) (BfHV1) is found in the skin and occasionally in the brain of infected toads. The genome of the virus is at least 158 Kb long and contains at least 152 open reading frames with a minimal length of 270 nt. The genome of BfHV1 contains all the signature genes that are present in alloherpesviruses.
Target Alternative Names	EXK35_gp061, DNA polymerase-like protein, ORF50, DNA-directed DNA polymerase
Gene ID	417023.12
UniProt ID	A0A384.ZVD8



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.