

AibGenesis™ Mouse Anti-Pongine Gammaherpesvirus 2 Monoclonal Antibody (CT5205)

Cat. No.: VRS-0724-YT1247

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

Product Overview

Clone	CT5205
Host Species	Mouse
Antibody Isotype	IgG

Product Properties

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	ELISA
Application Notes	The antibody is screened by ELISA using the synthetic peptide that corresponds to a partial sequence of Pongine Gammaherpesvirus 2 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

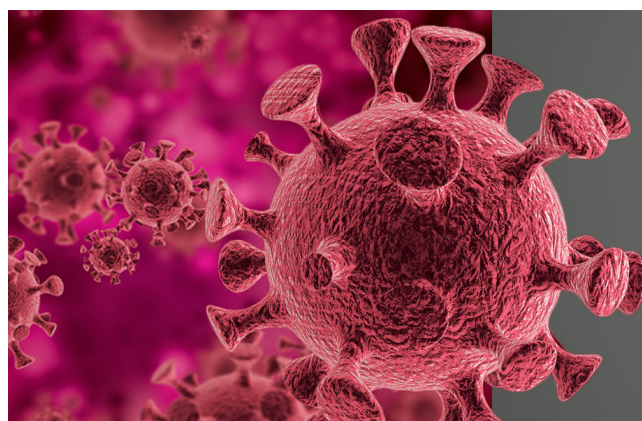
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Family	<i>Orthoherpesviridae</i>
Virus Subfamily	<i>Gammaherpesvirinae</i>
Virus Genus	<i>Lymphocryptovirus</i>
Species	<i>Lymphocryptovirus ponginegamma2</i>
Accession number	AJ 581753 ;
RefSeq number	N C_038860 ;
Virus Abbrev	PoGHV2
Virus Name	Pongine Gammaherpesvirus 2
Virus Alternatives Names	Herpesvirus Pongo
Genome Composition	dsDNA

Target

Introduction	Pongine Gammaherpesvirus 2, also known as Herpesvirus Pongo, is a virus belonging to the Lymphocryptovirus genus in the family Orthoherpesviridae. This virus affects orangutans (Pongo), causing herpesvirus infections in these primates. Herpesviruses in the Pongine Gammaherpesvirus 2 group can lead to various health issues in orangutans, including respiratory problems, skin lesions, and potential immunosuppression. These viruses are part of the larger herpesvirus family, which can establish lifelong infections in their hosts.
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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.