

AibGenesis™ Mouse Anti-Human Papillomavirus 3 (HPV3) Monoclonal Antibody (CF0341)

Cat. No.: VRS-0224-YT449

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

Product Overview

Clone	CF0341
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Human papillomavirus 3

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 corresponding to a partial sequence of Human papillomavirus 3 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

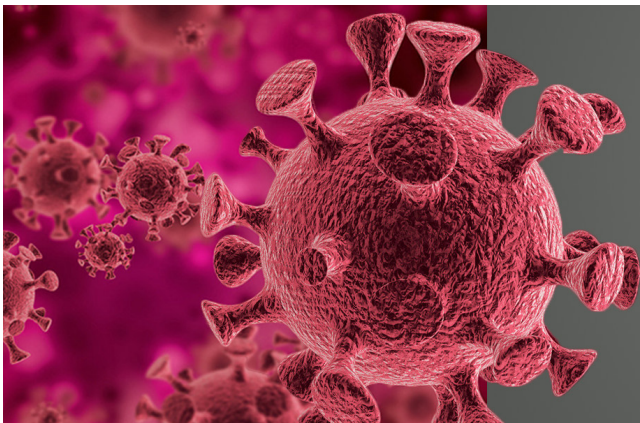
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Family	<i>Papillomaviridae</i>
Virus Subfamily	<i>Firstpapillomavirinae</i>
Virus Genus	<i>Alphapapillomavirus</i>
Species	<i>Alphapapillomavirus 2</i>
Accession number	X744 62
Virus Abbrev	HPV3
Virus Name	Human papillomavirus 3
Virus Alternatives Names	Alphapapillomavirus 2; Human papillomavirus 3; Human papillomavirus; HPV; HPV3
Genome Composition	dsDNA

Target

Introduction	Alphapapillomavirus 2 is a member of the genus Alphapapillomavirus in the family Papillomaviridae. Which is non-enveloped, with icosahedral geometry and its genome is circular, around 8kb in length.
Target Alternative Names	Alphapapillomavirus 2, Human papillomavirus 3, HPV3, Alphapapillomavirus, Firstpapillomavirinae, Papillomaviridae



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.