

AibGenesis™ Mouse Anti-Human Papillomavirus 172 (HPV172) Monoclonal Antibody (CF0601)

Cat. No.: VRS-0224-YT557

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

Product Overview

Clone	CF0601
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Human papillomavirus 172

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 172 as the capture antigen. Additional applications are under development.

lications 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
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Clonality	Monoclonal
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ProAb	Made to order
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Virus Details

Virus Classification	Double-stranded DNA virus
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Virus Family	<i>Papillomaviridae</i>
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Virus Subfamily	<i>Firstpapillomavirinae</i>
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Virus Genus	<i>Gammapapillomavirus</i>
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Species	<i>Gammapapillomavirus 22</i>
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Accession number	KF63 99
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RefSeq number	NC 38523
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Virus Abbrev	HPV172
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Virus Name	Human papillomavirus 172
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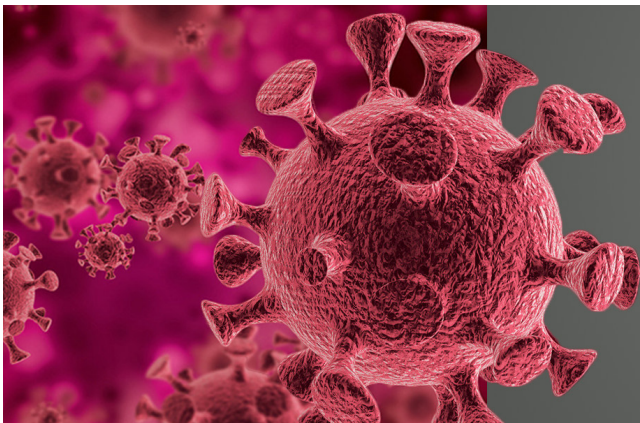
Virus Alternatives Names	Gammapapillomavirus 22; Gamma-PV22; Human papillomavirus; HPV; Human papillomavirus 172; HPV172
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Genome Composition	dsDNA
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Target

Introduction	Gammapapillomavirus 22 is a member of the genus Gammapapillomavirus in the family Papillomaviridae. Which is non-enveloped, with icosahedral geometrie and its genome is circular, around 8kb in lengths. Human serve as natural hosts.
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Target Alternative Names	Gammapapillomavirus 22, Human papillomavirus 172, HPV172, Gammapapillomavirus, Firstpapillomavirinae, Papillomaviridae
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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.