

**AibGenesis™ Mouse Anti-Human Papillomavirus 100 (HPV100) (Strain DL267) Monoclonal Antibody (CF0435)**

**Cat. No.: VRS-0224-YT493**

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

**Product Overview**

Clone	CF0435
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Human papillomavirus 100

**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 100 as the capture antigen. Additional applications are available upon request.

lications 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

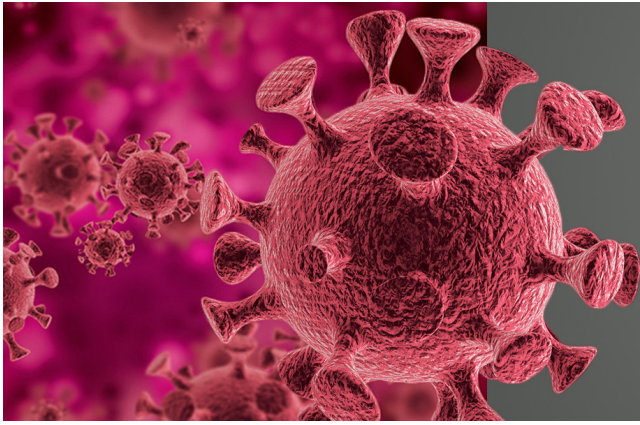
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

## Virus Details

Virus Classification	Double-stranded DNA virus
Virus Family	<i>Papillomaviridae</i>
Virus Subfamily	<i>Firstpapillomavirinae</i>
Virus Genus	<i>Betapapillomavirus</i>
Species	<i>Betapapillomavirus 2</i>
Accession number	<a href="#">FM 955839</a>
Virus Abbrev	HPV100
Virus Name	Human papillomavirus 100
Virus Alternatives Names	Betapapillomavirus 2; Beta-PV2; Human papillomavirus; HPV; Human papillomavirus 100
Genome Composition	dsDNA

## Target

Introduction	Betapapillomavirus 2 is a member of the genus Betapapillomavirus in the family Papillomaviridae. Which is non-enveloped, with icosahedral geometry and its genome is circular, around 8kb in length. Human serve as natural hosts and diseases associated with this virus include warts, papilloma, and malignant tumours.
Target Alternative Names	Betapapillomavirus 2, Human papillomavirus 100, HPV100, Betapapillomavirus, 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.