

AibGenesis™ Mouse Anti-Human Papillomavirus MKN3 (HPV-mKN3) Monoclonal Antibody (CF0638)

Cat. No.: VRS-0224-YT632

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

Product Overview

| | |
|--------------------|---------------------------|
| Clone | CF0638 |
| Host Species | Mouse |
| Antibody Isotype | IgG |
| Species Reactivity | Human papillomavirus mKN3 |

Product Properties

| | |
|---------------|--|
| Purity | >95% |
| Purification | Protein A or G affinity chromatography |
| Concentration | Lot specific |

Packaging, Storage & Formulations

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|--------------|--|
| 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

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|-------------------|---|
| Application | ELISA |
| Application Notes | The antibody is screened by ELISA using the synthetic peptide corresponding to a partial sequence of Human papillomavirus mKN3 as the capture antigen. Additional a |

pplications 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

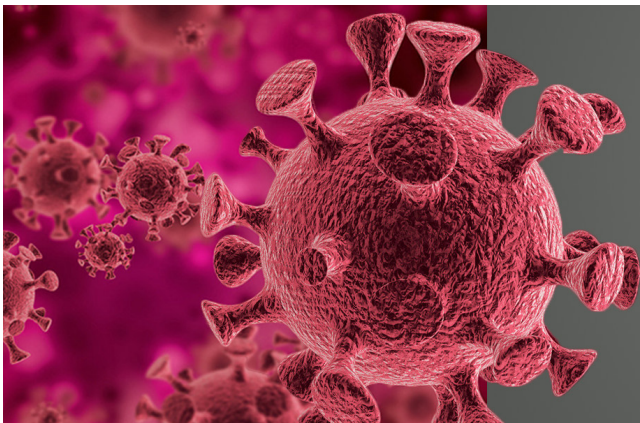
| | |
|-----------|------------------|
| Type | Primary Antibody |
| Clonality | Monoclonal |
| ProAb | Made to order |

Virus Details

| | |
|--------------------------|---|
| Virus Classification | Double-stranded DNA virus |
| Virus Family | <i>Papillomaviridae</i> |
| Virus Subfamily | <i>Firstpapillomavirinae</i> |
| Virus Genus | <i>Gammapapillomavirus</i> |
| Accession number | JF 966374 |
| Virus Abbrev | HPVmKN3 |
| Virus Name | Human papillomavirus mKN3 |
| Virus Alternatives Names | Human papillomavirus; HPV; HPVmKN3; Human papillomavirus mKN3 |
| Genome Composition | dsDNA |

Target

| | |
|--------------------------|---|
| Introduction | Human papillomavirus mKN3 is a member of the genus Gammapapillomavirus in the family Papillomaviridae. HPV is a common virus that is spread through sexual contact, which can cause an HPV infection. |
| Target Alternative Names | Human papillomavirus mKN3, Gammapapillomavirus, 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.