

AibGenesis™ Mouse Anti-Fly Associated Circular Virus 7 Monoclonal Antibody (CT4410)

Cat. No.: VRS-0724-YT452

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

Product Overview

Clone	CT4410
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 Fly Associated Circular Virus 7 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

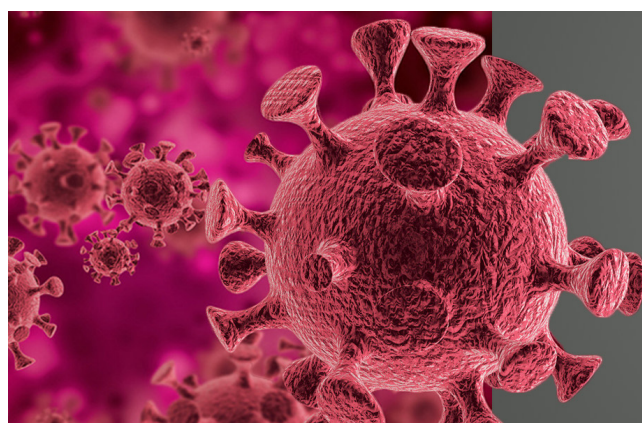
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Vilyaviridae</i>
Virus Genus	<i>Grondvirus</i>
Species	<i>Grondvirus lorian</i>
Accession number	MH_545531 ;
RefSeq number	N C_040321 ;
Virus Name	Fly Associated Circular Virus 7
Genome Composition	ssDNA(+/-)

Target

Introduction	Fly Associated Circular Virus 7 (FACV-7) is a virus belonging to the Grondvirus genus in the family Vilyaviridae. This virus has a circular genome and is associated with various fly species. The transmission of FACV-7 is likely through close contact among flies or the environment where infected flies reside. In terms of hosts, FACV-7 primarily affects various fly species, potentially causing mild to moderate symptoms in the infected individuals. The diseases caused by FACV-7 are typically limited to flies and are not known to infect other organisms or pose significant health risks to humans. As of now, there is no specific treatment or control measures available for FACV-7 infections in flies.
--------------	--



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.