

AibGenesis™ Mouse Anti-Fly Associated Circular Virus 6 Monoclonal Antibody (CT4409)

Cat. No.: VRS-0724-YT451

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

Product Overview

Clone	CT4409
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 6 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

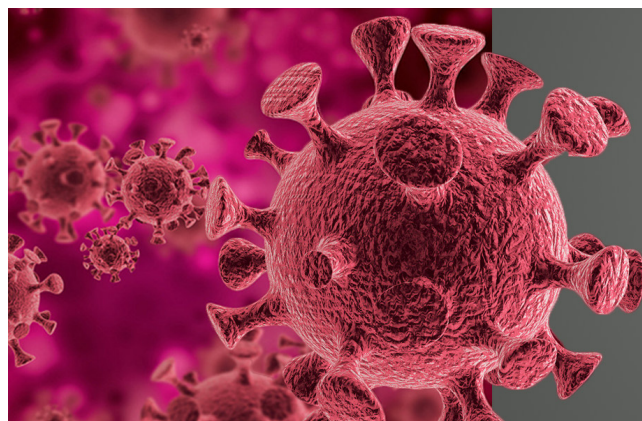
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	ssDNA(+/-)
Virus Family	<i>Vilyaviridae</i>
Virus Genus	<i>Illuinvirus</i>
Species	<i>Illuinvirus amon</i>
Accession number	MH_545530 ;
RefSeq number	N_C_040335 ;
Virus Name	Fly Associated Circular Virus 6
Genome Composition	ssDNA(+/-)

Target

Introduction	Fly Associated Circular Virus 6 (FACV-6) belongs to the Illuinvirus genus in the family Vilyaviridae. This virus has a circular genome of approximately 2.5kb in size. FACV-6 is primarily transmitted among flies, possibly through fecal-oral or contact routes, but further research is needed to fully understand its transmission dynamics. In terms of hosts, FACV-6 infects various species of flies, potentially including houseflies, fruit flies, or other fly species. The impact of FACV-6 on fly populations and ecosystems is still under investigation, and its role in fly health or disease transmission remains unclear. As a novel virus, the specific diseases associated with FACV-6 are yet to be characterized. Given its recent discovery, there is limited information available regarding potential diseases, symptoms, or clinical effects related to this virus.
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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.