

AibGenesis™ Mouse Anti-Heterobasidion Partitivirus 15 Monoclonal Antibody (CT4615)

Cat. No.: VRS-0724-YT657

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

Product Overview

Clone	CT4615
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 Heterobasidion Partitivirus 15 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

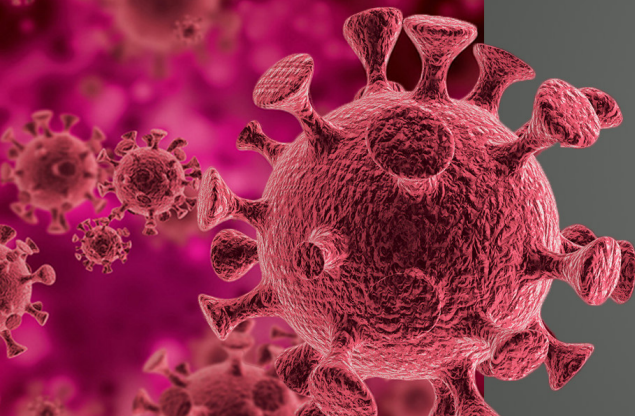
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded RNA virus
Virus Family	<i>Partitiviridae</i>
Virus Genus	<i>Alphapartitivirus</i>
Species	<i>Heterobasidion partitivirus 15</i>
Accession number	RN A1: KF963186 ; RN A2: KF963187 ;
RefSeq number	R NA1: NC_038834 ; R NA2: NC_038833 ;
Virus Abbrev	HetPV15
Virus Name	Heterobasidion Partitivirus 15
Genome Composition	dsRNA

Target

Introduction	Heterobasidion Partitivirus is a fungus-infecting virus belonging to the Alphapartitivirus genus in the family Orthomyxoviridae. There are several known strains, including Heterobasidion Partitivirus 1, 3, 12, and 15. These viruses infect the fungus Heterobasidion annosum, which causes root and butt rot disease in various trees. The virus has a segmented genome composed of RNA molecules and encodes for several proteins. Heterobasidion Partitiviruses are transmitted horizontally through hyphal anastomosis or vertically during sporulation. They can affect the growth and virulence of the host fungus and potentially influence the severity of the disease it causes in trees.
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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.