

AibGenesis™ Mouse Anti-HHV5 IRS1 Monoclonal Antibody

Cat. No.: VRS-0224-YT1094

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

Product Overview

Target	IRS1
Specificity	HHV5
Clone	08046YF
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Cytomegalovirus

Product Properties

Immunogen	Synthetic peptide sequence
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
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Application Notes	The antibody is screened by ELISA using the synthetic peptide corresponding to a partial sequence of Human betaherpesvirus 5 IRS1 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.
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Other Product Details

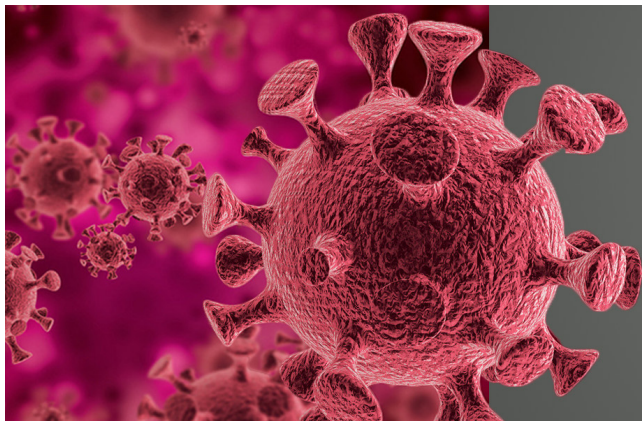
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Family	<i>Orthoherpesviridae</i>
Virus Subfamily	<i>Betaherpesvirinae</i>
Virus Genus	<i>Cytomegalovirus</i>
Species	<i>Cytomegalovirus humanbeta5</i>
Accession number	AY 446894
RefSeq number	NC_6273
Virus Abbrev	HuBHV5; HCMV
Virus Name	Human Betaherpesvirus 5; Human Cytomegalovirus
Virus Alternatives Names	Cytomegalovirus; CMV; HCMV; Human herpesvirus 5; HHV5; HHV-5; human betaherpesvirus 5
Genome Composition	dsDNA

Target

Introduction	This gene encodes a protein which is phosphorylated by insulin receptor tyrosine kinase. Mutations in this gene are associated with type II diabetes and susceptibility to insulin resistance.
Target Alternative Names	HHV5wtgp133, Human alphaherpesvirus 5, HHV5, IRS1
Gene ID	3077574
UniProt ID	Q6SW04



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.