

AibGenesis™ ViroAb™ Mouse Anti-Herpesvirus 90 KDa Glycoprotein Monoclonal Antibody (XY0109)

Cat. No.: VRS-0224-YT1111

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

Product Overview

Target	90 KDa Glycoprotein
Specificity	This antibody reacts with the 90KDa glycoprotein of HHV-6, Strains A and B.
Clone	XY0109
Host Species	Mouse
Antibody Isotype	IgG2
Species Reactivity	Human Herpesvirus 6A; Human Herpesvirus 6B
Virus Strain	strains A and B

Product Properties

Immunogen	Human herpes virus type 6.
Purity	>95% as determined by SDS-PAGE
Concentration	Lot specific

Packaging, Storage & Formulations

Form	Liquid
Formulation	0.01 M PBS (pH 7.2), 0.09% Sodium Azide
Preservative	0.09% Sodium Azide
Storage	Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	WB; IHC; IP; ELISA
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Application Notes The optimal working dilutions should be determined by the end user.

Other Product Details

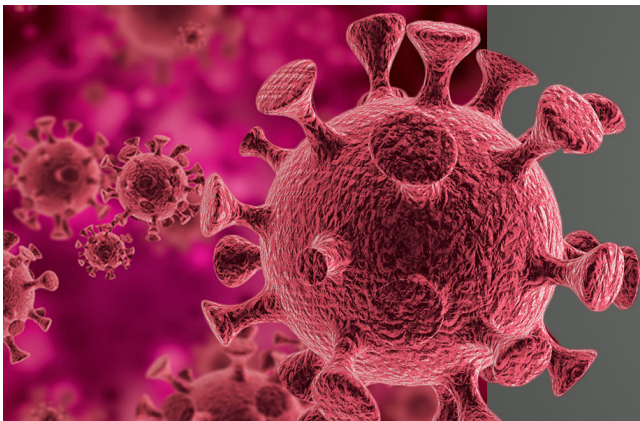
Type	Primary Antibody
Clonality	Monoclonal
Related Disease	Roseola infantum; Exanthem subitum
Disease Classification	Exanthematous Viral Diseases

Virus Details

Virus Classification	Double-stranded DNA virus
Virus Family	<i>Orthoherpesviridae</i>
Virus Subfamily	<i>Betaherpesvirinae</i>
Virus Genus	<i>Roseolovirus</i>
Species	<i>Roseolovirus humanbeta6a</i>
Accession number	X834_13
RefSeq number	NC_1664
Virus Abbrev	HuBHV6A; HHV6A
Virus Name	Human Betaherpesvirus 6A; Human Herpesvirus 6A
Virus Alternatives Names	HHV-6; Human betaherpesvirus 6; human herpesvirus 6A; HHV-6A
Genome Composition	dsDNA

Target

Introduction	Human Herpes Virus 6 (HHV6) has two variants A and B and infects most children before the age of 3 years resulting in roseola amongst other clinical manifestations. These variants differ from one another with respect to their cell tropism, genomic DNA sequences, and protein expression. Most infections are caused by variant B.
Target Alternative Names	Human herpesvirus 6, HHV-6, 90 KDa Glycoprotein



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.