

AibGenesis™ Mouse Anti-RPV Monoclonal Antibody

Cat. No.: VRS-0124-YT629

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

Product Overview

Target	RPVgp6
Specificity	RPV (strain RBOK)
Clone	15415YF
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Rinderpest virus

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 -486°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	WB; ELISA; IHC-P; FC; ICC; IF; IP
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Application Notes	The optimal concentrations/dilutions should be determined by the end user.
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Other Product Details

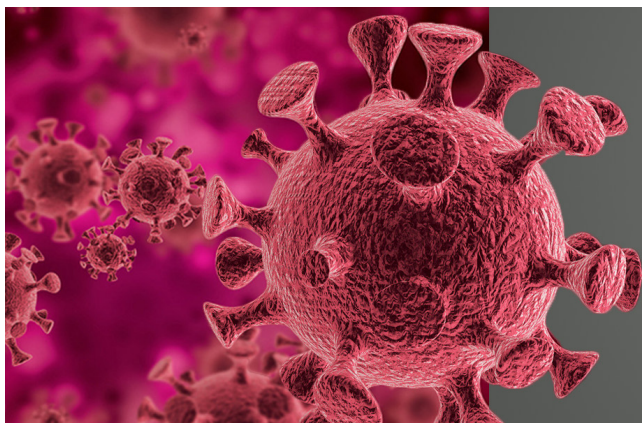
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Negative-sense single-stranded RNA Virus
Virus Family	<i>Paramyxoviridae</i>
Virus Subfamily	<i>Orthoparamyxovirinae</i>
Virus Genus	<i>Morbillivirus</i>
Species	<i>Morbillivirus pecoris</i>
Accession number	X982 91
RefSeq number	N C 006296
Virus Abbrev	RPV
Virus Name	Rinderpest virus
Virus Alternatives Names	Rinderpest virus; RPV; Rinderpest virus
Genome Composition	ssRNA(-)

Target

Introduction	Rinderpest virus (RPV), a member of the genus Morbillivirus, is closely related to the measles and canine distemper viruses.[9] Like other members of the Paramyxoviridae family, it produces enveloped virions, and is a negative-sense single-stranded RNA virus. The virus was particularly fragile and is quickly inactivated by heat, desiccation and sunlight.
Target Alternative Names	RDV H; Rinderpest virus Hemagglutinin glycoprotein, Rinderpest virus, RPV (strain RBOK), RPVgp6
Gene ID	3021774
UniProt ID	P41355



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.