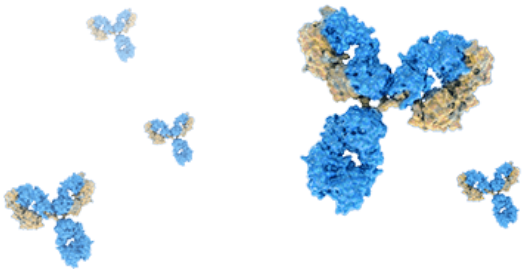
Creative Biolabs®
ViroAntibody



AibGenesis™ Mouse Anti-Beluga Whale Coronavirus SW1 ORF 5a Monoclonal Antibody

Cat. No.: VRS-0124-YT3406
This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Overview

Target	ORF 5a
Specificity	This antibody is specific for ORF 5a of Beluga whale coronavirus SW1.
Clone	TF0553
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Beluga whale coronavirus SW1

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of ORF 5a.
Purity	>95%

Packaging, Storage & Formulations

Form	Liquid, please specify if lyophilized powder is requried.
Formulation	PBS (pH 7.4) without any preservative, please specify if any additional requirements.
Preservative	Preservative-free, please specify if any additional requirements.

Applications

Application	ELISA
Application Notes	The antibody is screened by ELISA using the synthetic peptide that corresponds to a partial sequence of Beluga whale coronavirus SW1 ORF 5a as the capture antigen. Additional applications have not been validated. It is recommended that the end u

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	sers 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	Positive-sense single-stranded RNA Virus
Virus Family	*Coronaviridae*
Virus Subfamily	*Orthocoronavirinae*
Virus Genus	*Gammacoronavirus*
Species	*Beluga whale coronavirus SW1*
Accession number	EU 111742
RefSeq number	N C 010646
Virus Abbrev	BWCoV
Virus Name	Beluga whale coronavirus
Virus Alternatives Names	Beluga whale coronavirus; BWCoV; Beluga whale coronavirus SW1
Genome Composition	ssRNA(+)

Target

Introduction	Beluga whale coronavirus SW1 (Whale-CoV SW1) is a mammalian Gammacoronavirus, an RNA virus, discovered through genome sequencing in the liver of a single deceased beluga whale and first described in 2008. This was the first description of the complete genome of a coronavirus found in a marine mammal.
Target Alternative Names	CoVSW1_gp06, ORF 5a
Gene ID	6264437
UniProt ID	B2BW36

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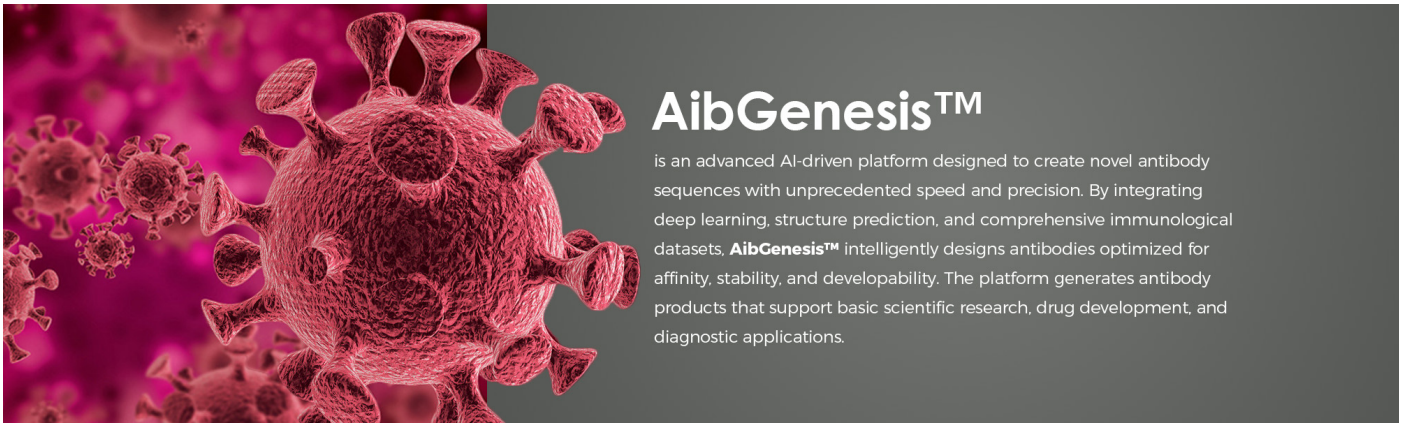

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