

AibGenesis™ Mouse Anti-Bean Rugose Mosaic Virus Polyprotein Monoclonal Antibody

Cat. No.: VRS-0124-YT3039

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

Product Overview

Target	Polyprotein
Specificity	This antibody is specific for Polyprotein of Bean rugose mosaic virus.
Clone	TF0243
Host Species	Mouse
Antibody Isotype	IgG
Species Reactivity	Bean rugose mosaic virus

Product Properties

Immunogen	Synthetic peptide corresponding to partial sequence of Polyprotein.
Purity	>95%

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.

Applications

Application	ELISA
Application Notes	The antibody is screened by ELISA using the synthetic peptide that corresponds to a partial sequence of Bean rugose mosaic virus Polyprotein as the capture antigen. Additional applications have not been validated. It is recommended that the end use

rs validate other applications and determine optimal concentrations/dilution under their experimental conditions.

Other Product Details

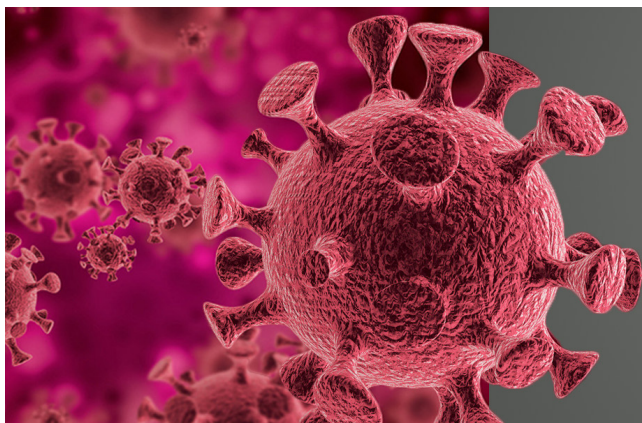
Type	Primary Antibody
Clonality	Monoclonal
ProAb	Made to order

Virus Details

Virus Classification	Positive-sense single-stranded RNA Virus
Virus Family	<i>Secoviridae</i>
Virus Subfamily	<i>Comovirinae</i>
Virus Genus	<i>Comovirus</i>
Species	<i>Comovirus rugomusivum</i>
Accession number	RNA1: KP 404602 ; RNA2: KP 404603
RefSeq number	RNA1: N C_028139 ; RNA2: N C_028146
Virus Abbrev	BRMV
Virus Name	Bean rugose mosaic virus
Virus Alternatives Names	Bean rugose mosaic virus; BRMV
Genome Composition	ssRNA(+)

Target

Introduction	Bean rugose mosaic virus is virus with isometric particles c. 28 nm in diameter sedimenting as three components, two of which contain single-stranded RNA. Transmitted by beetles and readily by inoculation of sap. Narrow host range, mainly restricted to legumes. Found in Costa Rica and other countries in Central America. ASK92_sRA11gp1 locates at NC_028139.1 (233..5803).
Target Alternative Names	ASK92_sRA11gp1, polyprotein, 24 kDa protein, EC 2.7.7.48, 87 kDa protein, Genome polyprotein B, Membrane-binding protein, NTP-binding protein, Picornain 3C-like protease, Protease cofactor, Putative helicase, RNA1 polyprotein, VPg, Viral genome-linked protein
Gene ID	261218.42
UniProt ID	A0A0N7CDF0



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.