Datasheet for ABIN7482299

Recombinant anti-SARS-CoV-2 Spike antibody (BA.4 – Omicron, BA.5 – Omicron)

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Overview

Quantity:	100 µg
Target:	SARS-CoV-2 Spike
Binding Specificity:	BA.4 – Omicron, BA.5 – Omicron
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2), SARS CoV-2 Omicron
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Spike antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Anti-SARS-CoV-2 Spike Antibody, Human IgG1 (9A5E10) (BA.4&BA.5/Omicron Specific) (MALS verified)
Clone:	9A5E10
Isotype:	IgG1
Characteristics:	Anti-SARS-CoV-2 Spike Antibody, Human IgG1 (9A5E10) (BA.4&BA.5/Omicron Specific) is isolated from a Spike protein infected Mouse and is recombinantly produced from human 293 cells (HEK293)
Grade:	MALS verified

Target Details

Target:	SARS-CoV-2 Spike
Alternative Name:	SARS-CoV-2 Spike protein (SARS-CoV-2 Spike Products)
Target Type:	Viral Protein
Background:	It's been reported that SARS-CoV-2 can infect the human respiratory epithelial cells through interaction with the human ACE2 receptor. The spike protein is a large type I transmembrane protein containing two subunits, S1 and S2. S1 mainly contains a receptor binding domain (RBD), which is responsible for recognizing the cell surface receptor. S2 contains basic elements needed for the membrane fusion.The S protein plays key parts in the induction of neutralizing-antibody and T-cell responses, as well as protective immunity.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	-20 °C

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