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Datasheet for ABIN7233209

## Recombinant anti-SARS-CoV-2 Spike antibody (RBD)

### Overview

Quantity:	100 µL
Target:	SARS-CoV-2 Spike
Binding Specificity:	RBD
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Tobacco ( <i>Nicotiana benthamiana</i> )
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This SARS-CoV-2 Spike antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Purpose:	Human Anti-SARS-CoV-2 RBD (CR3022) Antibody
Immunogen:	SARS-CoV-2 RBD
Clone:	CR3022
Isotype:	IgG1
Specificity:	CR3022 variable regions fused to human IgG1: Heavy chain CR3022 (GenBank: DQ168569.1) - Human Heavy chain IgG1 (UniProtKB/Swiss-Prot: P01857.1) Light chain CR3022 (GenBank: DQ168570.1) - Human kappa chain (UniProtKB/Swiss-Prot: P01834.2)
Characteristics:	Monoclonal antibody to COVID-19 & SARS-CoV S glycoprotein. Recombinantly expressed in <i>Nicotiana benthamiana</i> plants.

## Product Details

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Purification: This product was purified by Protein A affinity chromatography.

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Purity: 90-95 %

## Target Details

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Target: SARS-CoV-2 Spike

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Abstract: [SARS-CoV-2 Spike Products](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 2 mg/mL

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Buffer: Phosphate Buffered saline (PBS) 0.1M pH 7.4. Preservative: none

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Preservative: Without preservative

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Storage: 4 °C,-20 °C

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Storage Comment: Short term: 2 - 4°C. Long term: -20°C