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Datasheet for ABIN6990118
anti-SARS-CoV Spike antibody (AA 650-700)

Overview

Quantity:	0.1 mg
Target:	SARS-CoV Spike (SARS-CoV S)
Binding Specificity:	AA 650-700
Reactivity:	SARS Coronavirus (SARS-CoV)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV Spike antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Anti-SARS-CoV Spike antibody was raised against a peptide corresponding to 15 amino acids near the center of SARS-CoV Spike glycoprotein. The immunogen is located within amino acids 650-700 of SARS-CoV Spike.
Isotype:	IgG
Purification:	SARS-CoV Spike antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SARS-CoV Spike (SARS-CoV S)
Alternative Name:	SARS-CoV Spike (SARS-CoV S Products)
Target Type:	Viral Protein

Target Details

Background: SARS-CoV Spike antibody: A novel coronavirus has recently been identified as the causative agent of SARS (Severe Acute Respiratory Syndrome). Coronaviruses are a major cause of upper respiratory diseases in humans. The genomes of these viruses are positive-stranded RNA approximately 27-31kb in length. SARS infection can be mediated by the binding of the viral spike protein, a glycosylated 139 kDa protein and the major surface antigen of the virus, to the angiotensin-converting enzyme 2 (ACE2) on target cells. This binding can be blocked by a soluble form of ACE2.

Gene ID: 1489668

UniProt: [P59594](#)

Application Details

Application Notes: SARS-CoV Spike antibody can be used for the detection of SARS-CoV Spike protein in ELISA. It will detect 5 ng of free peptide at 1 μ g/mL.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SARS-CoV Spike antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SARS-CoV Spike antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.