



[Go to Product page](#)

Datasheet for ABIN6990115  
**anti-SARS-CoV Spike antibody (N-Term)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 0.1 mg  |
| Target:              | SARS-CoV Spike (SARS-CoV S)                   |
| Binding Specificity: | N-Term  |
| 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 14 amino acids near the amino of SARS-CoV Spike glycoprotein. The immunogen is located within the first 50 amino acids 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 ( <a href="#">SARS-CoV S Products</a> ) |
| Target Type:      | Viral Protein  |

## Target Details

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**Background:** SARS-CoV Spike Antibody: A novel coronavirus has 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

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**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 µg/mL.

**Restrictions:** For Research Use only

## Handling

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**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.