

## SARS Spike Antibody

Catalog No: #24218

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | SARS Spike Antibody   |
| Host Species          | Rabbit  |
| Clonality             | Polyclonal  |
| Purification          | Affinity chromatography purified via peptide column   |
| Applications          | E   |
| Species Reactivity    | Virus   |
| Immunogen Type        | Peptide   |
| Immunogen Description | Raised against a synthetic peptide corresponding to amino acids near the center of. The SARS Spike glycoprotein.  |
| Target Name           | SARS Spike  |
| Other Names           | SARS  |
| Accession No.         | P59594  |
| Formulation           | Supplied in PBS containing 0.02% sodium azide.  |
| Storage               | Can be stored at -20°C, stable for 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. |

## Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.