

## Rabbit IgG Anti SARS-CoV-2 Spike (S1) Antibody, Clone: CR3022

### Product Data Sheet

**Host:** Rabbit

**Clone:** CR3022

**Isotype:** IgG, kappa

**Cat. No.:**

RM812424500

(0.5 mg)

**Other names:** Severe acute respiratory syndrome coronavirus 2 spike glycoprotein S1, 2019 novel coronavirus S1 protein, SARS-CoV-2 S1 subunit, COVID-19

### Research topic

Immune Response, Infection and Inflammation, COVID-19

### Preparation

This is a recombinant monoclonal antibody. It is a reformatted antibody made using the variable domain sequences of the original Human IgG1 format. The original monoclonal antibody was generated by sequencing peripheral blood lymphocytes of a patient exposed to the SARS-CoV.

### Amino Acid Sequence

Antibody binds to both SARS-CoV and SARS-CoV-2 (COVID-19) with high affinity at amino acids 318-510 in the S1 domain of the Spike protein.

### Species Reactivity

SARS-CoV and SARS-CoV-2 (COVID-19)

### Purification Method

Affinity chromatography on a column with immobilized protein A.

### Antibody Content

0.5 mg; concentration: 1.0 mg/ml

### Formulation

Supplied as a liquid in PBS, 0.02% Proclin 300.

### Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

### Storage/Stability

Short Term Storage: Up to 3 months at +4°C

Long Term Storage: -20°C

### Expiration

See vial label.

### Lot Number

See vial label.

### Applications

ELISA, NTRL, SPR, Crystallography

### Note

Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.

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