

PRODUCT DATA SHEET

Human IgM Anti SARS-CoV-2 Spike (S1) Antibody, Clone: CR3022

Cat. No.: RM812423050

Size: 0.05 mg

Type: Recombinant Monoclonal

Host: Human

Isotype: IgM, kappa

Other Names:

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

Preparation:

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

Amino Acid Sequence of Immunogen:

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.

Purification Method:

Affinity purified using a recombinant lectin column.

Species Reactivity:

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

Antibody Content:

0.05 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

Applications:

Crystallography, ELISA, NTRL

Note:

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