Cat. No.: A02038-100
Size: 100 µg
Isotype:
Recombinant human IgG1
Clone: HC2001
Purification: Protein A
Conjugation:
Unconjugated

SARS-CoV-2 Spike S1 Antibody (HC2001),

Human Chimeric

PRODUCT INFORMATION

Synonyms 2019-nCoV Spike S1 Antibody (HC2001), SARS-CoV-2 S1 RBD Antibody

Description

SARS-CoV-2 (Severe acute respiratory syndrome coronavirus 2), also known as 2019-nCoV, is a positive-sense single-stranded RNA virus. It caused coronavirus disease 2019 (COVID-19). SARS-CoV-2 contains glycosylated spike (S) protein, which is composed of S1 subunit and S2 subunit. The S1 contains a receptor-binding domain (RBD) that can bind to ACE2 receptor on target cells.

SARS-CoV-2 Spike S1 Antibody (HC2001), Human Chimeric is produced from cell culture in vitro under conditions free from animal-derived components.

Specificity

The product is specific for SARS-CoV-2 Spike Protein S1 subunit and its RBD domain

Concentration

1 mg/ml, supplied in PBS, pH 7.4, containing 0.02% sodium azide.

Note

GenScript can customize this product per customer's request including product size, buffer components, etc.

Storage

Store at -20°C. This product is stable for 1 year upon receipt, when handled and stored as instructed. Avoid repeated freezing and thawing cycles.

Applications

Working concentrations for specific applications should be determined by the investigators. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA detection: 0.1-10 µg/ml
Other applications: user-optimized

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.