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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-S1 (SARS-CoV-2) Human Monoclonal Antibody

CATALOG NUMBER: SCV2-S1-h25, 100 µg

Introduction

The novel coronavirus (SARS-CoV-2), previously called 2019-nCoV, is a newly identified coronavirus causing the ongoing outbreak of atypical pneumonia in Wuhan China from late 2019.

The genome of SARS-CoV-2 has 89% nucleotide identity with bat SARS-like-CoVZXC21 and 82% with that of human SARS-CoV. The phylogenetic trees of their orf1a/b, Spike, Envelope, Membrane and Nucleoprotein also clustered closely with those of the bat, civet and human SARS coronaviruses. However, the external subdomain of Spike's receptor binding domain (RCB) of SARS-CoV-2 shares only 40% amino acid identity with other SARS-related coronaviruses.

Applications

Western blot, ELISA, etc

Description

Human monoclonal anti-spike (SARS-CoV-2/COVID-19) antibody expressed and purified from XtenCHO cells

Immunogen

Recombinant SARS-CoV-2 spike protein

Specificity

Reacts to spike protein of SARS-CoV-2. Cross-reaction to spike protein from other coronavirus not tested.

Purification

Affinity Chromatography

Isotype

Human IgM, Clone# CR3022

Storage

Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.

Concentration

1 µg/µl in PBS, pH7.4

