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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-RBD (SARS-CoV-2/COVID-19) Monoclonal Antibody

CATALOG NUMBER: SCV2-RBD-100m, 100 µg

Introduction	<p>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.</p> <p>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.</p>
Applications	Western blot, IF, IP, ELISA, etc
Description	Human monoclonal anti-spike RBD domain (SARS-CoV-2/COVID-19) antibody produced by in vitro mammalian cell culture
Immunogen	Immortalized human COVID-19 patient B cells (no further information will be provided due to its commercial sensitivity)
Specificity	Reacts with RBD domain of spike protein from coronavirus SARS-CoV-2. Cross-reaction to RBD domain from other coronavirus not tested.
Purification	Protein A/G Sepharose
Isotype	Human IgG1
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

