

## Anti-S2 (SARS-CoV-2) Monoclonal Antibody

CATALOG NUMBER: SCV2-S2-001, 100 µg

<b>Introduction</b>	<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 (RBD) of SARS-CoV-2 shares only 40% amino acid identity with other SARS-related coronaviruses.</p>
<b>Applications</b>	ELISA (1:4-8k), WB (1:1-5k), may be used for other applications
<b>Description</b>	Mouse monoclonal anti-spike S2 (SARS-CoV-2) antibody
<b>Immunogen</b>	Recombinant SARS-CoV-2 S2 protein (Gene Accession#: MN908947)
<b>Specificity</b>	Reacts with SARS-CoV-2 S2 protein
<b>Purification</b>	Affinity chromatography
<b>Isotype</b>	Mouse IgG1
<b>Storage</b>	Store at -20 °C; Stable for 6-months from the date of shipment when kept at 4 °C. Non-hazardous. No MSDS required.
<b>Concentration</b>	1 µg/µl in PBS with 0.05% proclin300, 50% glycerol