

Anti-M (SARS-CoV-2) Rabbit Polyclonal Antibody

CATALOG NUMBER: SCV2-M-100, 100 µg, 1mg

Introduction	Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is a newly identified coronavirus (2019-nCoV) causing the outbreak of atypical pneumonia in Wuhan China from late 2019.
	The genome of 2019-nCoV 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 of 2019-nCoV shares only 40% amino acid identity with other SARS-related coronaviruses.
Applications	Western blot (1:100-1:1000) and ELISA, May be used for other applications
Description	Rabbit polyclonal anti-SARS-CoV-2 membrane protein antibody
Immunogen	A peptide sequence (amino acid 188-215) derived from Membrane (M) protein of SARS-CoV-2 (Gene Accession#: MN908947): AGDSGFAAYSRYRIGNYKLNTDHSSSSD
Specificity	Reacts with membrane protein of SARS-CoV-2. Cross-reacts to most membrane proteins from other subtypes of SARS-CoV-2.
Purification	Protein G chromatography
Isotype	IgG
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	2 µg/µl in PBS with 15 % glycerol

