

Rabbit COVID 19 Membrane Protein (M) Coronavirus Polyclonal Antibody | anti-COVID-19 antibody

Anti-M (2019-nCoV) Rabbit Polyclonal Antibody

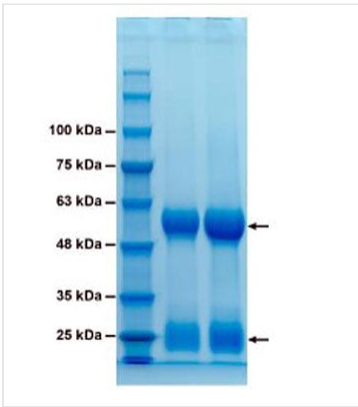
CATALOG # AAA13777	HOST Rabbit	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

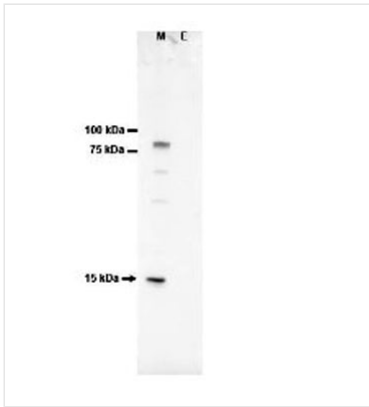
COVID 19 Membrane Protein (M) Coronavirus; Polyclonal Antibody; Anti-M (2019-nCoV) Rabbit Polyclonal Antibody; 2019 Novel Coronavirus; Coronavirus; CoV; COVID-19 virus; HCoV-2; Human Coronavirus 2019; SARS2; SARS-CoV-2; Severe acute respiratory syndrome coronavirus 2; Membrane Protein; anti-COVID-19 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Specificity	Reacts with membrane protein of 2019-nCoV. Cross-reacts to most membrane proteins from other subtypes of coronavirus.
Purity/Purification	Protein G Chromatography
Concentration	2 ug/ul in PBS (varies by lot)
Applicable Applications for anti-COVID-19 antibody	WB (Western Blot), ELISA
Application Notes	Western blot (1:500-1:2000) and ELISA. May be used for other applications.
Immunogen	A peptide sequence (amino acid 159-186) derived from Membrane (M) protein of 2019-nCoV (Gene Accession#: MN908947): CDIKDLPKEITVATSRTLSSYYKLGASQR
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Ships on Dry Ice. Store at -20°C. Stable for 6 months from date of receipt when kept at 4°C. Non-hazardous No MSDS required.



SDS-PAGE
Figure 2. 10% SDS-PAGE, purified rabbit IgG of anti-M protein (2019-nCoV) antibody (AAA13777)



SDS-PAGE
Figure 1. Western Blot: M, purified M protein ; E, envelope protein of SARS-CoV-2 ; Primary antibody, anti-M protein (2019-nCoV) antibody (AAA13777) (1:2000 dilution)

ADDITIONAL INFORMATION

Related Product Information for anti-COVID-19 antibody	Rabbit polyclonal anti-membrane protein (2019-nCoV) antibody The novel coronavirus (2019-nCoV) is a newly identified coronavirus causing the ongoing 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.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.