

Cat No: 9159062

Product: SARS-CoV-2 / 2019-nCoV Spike/S2 Antibody, Rabbit PAb, Affinity Purified

Pack Size: 50 µL / 100µL

Host: Rabbit IgG

Isotype: IgG

Storage: This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.

Background (Function): The spike (S) glycoprotein of coronaviruses contains protrusions that will only bind to certain receptors on the host cell. Known receptors bind S1 are ACE2, angiotensin-converting enzyme 2; DPP4, dipeptidyl peptidase-4; APN, aminopeptidase N; CEACAM, carcinoembryonic Antigen-related cell adhesion molecule 1; Sia, sialic acid; O-ac Sia, O-acetylated sialic acid. The spike is essential for both host specificity and viral infectivity.

Immunogen: Recombinant SARS-CoV-2 / 2019-nCoV Spike/S2 Protein

Synonyms: Anti-coronavirus spike Antibody; Anti-cov spike Antibody; Anti-ncov RBD Antibody; Anti-ncov s1 Antibody; Anti-ncov s2 Antibody; Anti-ncov spike Antibody; Anti-NCP-CoV RBD Antibody; Anti-NCP-CoV s1 Antibody; Anti-NCP-CoV s2 Antibody; Anti-NCP-CoV Spike Antibody; Anti-novel coronavirus RBD Antibody; Anti-novel coronavirus s1 Antibody; Anti-novel coronavirus s2 Antibody; Anti-novel coronavirus spike Antibody; Anti-RBD Antibody; Anti-S1 Antibody; Anti-S2 Antibody; Anti-Spike RBD Antibody

Specificity: SARS-CoV-2 (2019-nCoV) Spike S2 (ECD, His tag)

Purification: Protein A and Antigen Affinity

Tested Application: WB, ELISA

IHC, FCM, IF, IP et al. applications haven't been validated.

(Antibody's applications haven't been validated with corresponding virus positive samples. Optimal concentrations/dilutions should be determined by the end user.)

Recommended Dilution:

WB: 1:1000-1:5000

ELISA: 1:5000-1:10000

Formulation: 0.2 µm filtered solution in PBS

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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