

Anti-SARS-CoV-2 N/ORF9/Nucleocapsid Antibody HRP Conjugated

Catalog Number: A33996-HRP

About N

Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is an enveloped, positive-sense, single-stranded RNA virus that causes coronavirus disease 2019 (COVID-19). Virus particles include the RNA genetic material and structural proteins needed for invasion of host cells. Once inside the cell the infecting RNA is used to encode structural proteins that make up virus particles, nonstructural proteins that direct virus assembly, transcription, replication and host control and accessory proteins whose function has not been determined.~ The structural proteins of SARS-CoV-2 include the envelope protein (E), spike or surface glycoprotein (S), membrane protein (M) and the nucleocapsid protein (N). The nucleocapsid phosphoprotein is a structural protein that binds to, protects the viral RNA genome and is involved in packaging the RNA into virus particles. The N protein has been suggested as an antiviral drug target.

Overview

Product Name	Anti-SARS-CoV-2 N/ORF9/Nucleocapsid Antibody HRP Conjugated
Reactive Species	Human
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	P0DTC9

Technical Details

Immunogen	MSDNGPQNQRNAPRITFGGSPDSTGSNQNGERSGARSKQRRPQGLPNNTASWFTALTQHGKEDLK FPRGQGVPIINTSSPDDQIGYYRRATRRIRGGDGKMKDLSRWFYFYLLGTGPEAGLPYGANKDGIW VATEGALNTPKDHIGTRNPANNAIIVLQLPQGTTLPKGFYAEGSRGGSQASSRSSSRNSSRNSTPG SSRGTS PARMAGNNGDAALALLLDRLNQLSKMSGKGGQQGQTVTKKSAEASKKPRQKRTAT KAYNVTQAFGRRGPEQTQGNFGDQELIRQGTDYKHWPQIAQFAPSASAFFGMSRIGMEVTPSGTW LTYTGAIKLDDKDPNFKDQVILLNKHIDAYKTFPPTEPKKDKKKKADETQALPQRQKKQQTVLLPA ADLDDFSKQLQSMSSADSTQA
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	HRP

Suggested Dilutions

The intended application should be selected according to the customer's experimental requirements.

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