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Datasheet for ABIN6990145
anti-SARS-CoV-2 NSP4 antibody (AA 50-100)

Overview

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|----------------------|--|
| Quantity: | 0.1 mg |
| Target: | SARS-CoV-2 NSP4 (NSP4) |
| Binding Specificity: | AA 50-100 |
| Reactivity: | SARS Coronavirus-2 (SARS-CoV-2) |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This SARS-CoV-2 NSP4 antibody is un-conjugated |
| Application: | ELISA |

Product Details

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|---------------|--|
| Immunogen: | Anti-SARS-CoV-2 (COVID-19) NSP4 antibody was raised against a peptide corresponding to 15 amino acids near the center of SARS-CoV-2 (COVID-19) NSP4 protein. The immunogen is located within 50-100 amino acids of the SARS-CoV-2 (COVID-19) NSP4 protein. |
| Isotype: | IgG |
| Purification: | SARS-CoV-2 (COVID-19) NSP4 Antibody is affinity chromatography purified via peptide column. |

Target Details

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|-------------------|---|
| Target: | SARS-CoV-2 NSP4 (NSP4) |
| Alternative Name: | SARS-CoV-2 NSP4 (NSP4 Products) |
| Target Type: | Viral Protein |

Target Details

Background: Coronavirus disease 2019 (COVID-19), formerly known as 2019-nCoV acute respiratory disease, is an infectious disease caused by SARS-CoV-2, a virus closely related to the SARS virus (1). The disease is the cause of the 2019-20 coronavirus outbreak (2). The structure of 2019-nCoV consists of the following: a spike protein (S), hemagglutinin-esterase dimer (HE), a membrane glycoprotein (M), an envelope protein (E) a nucleocapsid protein (N) and RNA. NSP4 participates in the assembly of virally-induced cytoplasmic double-membrane vesicles necessary for viral replication (3)(4).

Gene ID: 43740578

NCBI Accession: [YP_009742609](#)

UniProt: [P0DTC1](#)

Application Details

Application Notes: Antibody validated: SARS-CoV-2 (COVID-19) NSP4 antibody can detect 2 ng of free peptide at 1 µg/mL in ELISA.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: SARS-CoV-2 (COVID-19) NSP4 Antibody is supplied in PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, 4 °C

Storage Comment: SARS-CoV-2 (COVID-19) NSP4 antibody can be stored at 4 ° C for three months and -20 ° C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.