

Datasheet for ABIN7603757 **anti-SARS-CoV-2 ORF8 antibody**

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Overview

Quantity:	100 µg
Target:	SARS-CoV-2 ORF8
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 ORF8 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Anti-SARS-CoV-2 ORF8 Antibody
Immunogen:	AAFHQECSLQSQCTQHQPYYVDDPCPIHFYSKWYIRVGARKSAPLIELCVDEAGSKSPIQYIDIGNYTVSCLPFTINCQEPKLGSLVVRVVLDFI
Sequence:	AAFHQECSLQ SCTQHQPYYV DDPCHIFYS KWYIRVGARK SAPLIELCVD EAGSKSPIQY IDIGNYTVSC LPFTINCQEP KLGSLVVRVVLDFI
Isotype:	IgG
Characteristics:	Anti-SARS-CoV-2 ORF8 Antibody (ABIN7603757). Tested in ELISA applications. This antibody reacts with Human.
Purification:	Immunogen affinity purified.

Target Details

Target:	SARS-CoV-2 ORF8
Abstract:	SARS-CoV-2 ORF8 Products

Target Details

Background:	Synonyms: ORF8 protein, ORF8, Non-structural protein 8, ns8 Tissue Specificity: Isoform 1 is detected in aorta and testis. Isoform 2 is detected in aorta. . Background: 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 virus assembly, transcription, replication and host control and accessory proteins whose function has not been determined.~ ORF8 encodes a viral accessory protein.
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Molecular Weight:	140 kDa, 130 kDa, 110 kDa
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Gene ID:	43740577
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Application Details

Application Notes:	ELISA, 0.001-0.1 µg/mL, Human1. Gordon DE, et al. Nature, 2020 Jul. 2. Gordon DE, et al. Science, 2020 Oct 15. 3. Li JY, et al. Virus Res, 2020 Sep. 4. Wu F, et al. Nature, 2020 Mar.
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Add 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
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Concentration:	500 µg/mL
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Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl and 0.2 mg Na ₂ HPO ₄ .
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Storage:	4 °C, -20 °C
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Storage Comment:	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
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