



[Go to Product page](#)

Datasheet for ABIN6990152
anti-SARS-CoV-2 ORF6 antibody (C-Term)

Overview

Quantity:	0.1 mg
Target:	SARS-CoV-2 ORF6
Binding Specificity:	C-Term
Reactivity:	SARS Coronavirus-2 (SARS-CoV-2)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SARS-CoV-2 ORF6 antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Anti-SARS-CoV-2 (COVID-19) ORF6 antibody was raised against a peptide corresponding to 15 amino acids near the Carboxyl terminus of SARS-CoV-2 (COVID-19) ORF6 protein. The immunogen is located in the last 50 amino acids of SARS-CoV-2 (COVID-19) ORF6.
Isotype:	IgG
Purification:	SARS-CoV-2 (COVID-19) ORF6 Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	SARS-CoV-2 ORF6
Abstract:	SARS-CoV-2 ORF6 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. ORF6 disrupts cell nuclear import complex formation by tethering karyopherin alpha 2 and karyopherin beta 1 to the membrane. Retention of import factors at the ER/Golgi membrane leads to a loss of transport into the nucleus. Thereby it prevents STAT1 nuclear translocation in response to interferon signaling, thus blocking the expression of interferon stimulated genes (ISGs) that display multiple antiviral activities(3).

Gene ID: 43740572

Application Details

Application Notes: Antibody validated: SARS-CoV-2 (COVID-19) ORF6 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) ORF6 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) ORF6 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.