

SARS-CoV-2 (COVID-19) NSP4 Antibody

Catalog # ASC12089

Product Information

Application	E
Other Accession	YP_009742609.1
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Clone Names	Non-structural protein 4

Additional Information

Gene ID	43740578
Alias Symbol	Non-structural protein 4
Other Names	NSP4

Reconstitution & Storage 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.

Precautions SARS-CoV-2 (COVID-19) NSP4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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).

References

Gorbalenya. bioRxiv: 2020.Hui et al. Int J Infect Dis. 2020;91:264-266.Angelini et. al. DNA Cell Biol. 33:122-127 (2014)Angelini et. al. MBio 4:0-0(2013)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.