

SARS-CoV-2 (COVID-19) NSP2 Antibody Catalog # ASC12087

Specification

SARS-CoV-2 (COVID-19) NSP2 Antibody - Product Information

Application	WB, E
Other Accession	YP_009742609.1
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG

SARS-CoV-2 (COVID-19) NSP2 Antibody - Additional Information

Gene ID	43740578
Alias Symbol	Non-structural protein 2
Other Names	
NSP2, p65 homolog	

Reconstitution & Storage

SARS-CoV-2 (COVID-19) NSP2 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) NSP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

SARS-CoV-2 (COVID-19) NSP2 Antibody - Protein Information

SARS-CoV-2 (COVID-19) NSP2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SARS-CoV-2 (COVID-19) NSP2 Antibody - Images

SARS-CoV-2 (COVID-19) NSP2 Antibody - 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. NSP2 may play a role in the modulation of host cell survival signaling pathway by interacting with host PHB and PHB2. Indeed, these two proteins play a role in maintaining the functional integrity of the mitochondria and protecting cells from various stresses (3).

SARS-CoV-2 (COVID-19) NSP2 Antibody - References

Gorbalenya. bioRxiv: 2020.Hui et al. Int J Infect Dis. 2020;91:264-266.Cornillez-Ty et al. J.Virol. 2019; 83:10314-10318