

SARS-CoV-2 S2 Protein Polyclonal Antibody(2019-nCoV)

catalog number: E-AB-V1032

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity	SARS-COV2
Immunogen	Recombinant SARS-CoV-2 S2 Protein
Host	Rabbit
Isotype	IgG
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

Applications	Recommended Dilution
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ELISA	1:4000-1:8000
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Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Mediates fusion of the virion and cellular membranes by acting as a class I viral fusion protein. Under the current model, the protein has at least three conformational states: pre-fusion native state, pre-hairpin intermediate state, and post-fusion hairpin state. During viral and target cell membrane fusion, the coiled coil regions (heptad repeats) assume a trimer-of-hairpins structure, positioning the fusion peptide in close proximity to the C-terminal region of the ectodomain. The formation of this structure appears to drive apposition and subsequent fusion of viral and target cell membranes.

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