

## Product Datasheet

### SARS-CoV-2 (COVID-19) Spike Antibody (orb1239976)

## Description

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

## Species/Host

Rabbit

## Reactivity

Virus

## Conjugation

Unconjugated

## Tested

ELISA, IF, IHC, WB

## Applications

## Immunogen

Anti-SARS-CoV-2 (COVID-19) Spike antibody (orb1239976) was raised against a peptide corresponding to 20 amino acids near the carboxy terminus of SARS-CoV-2 (COVID-19) Spike glycoprotein. The immunogen is located within the last 50 amino acids of SARS-CoV-2 (COVID-19) Spike protein.

## Target

S

## Preservatives

SARS-CoV-2 (COVID-19) Spike Antibody is supplied in PBS containing 0.02% sodium azide.

## Form/Appearance

Liquid

## Concentration

1 mg/mL

## Storage

SARS-CoV-2 (COVID-19) Spike antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.

## Note

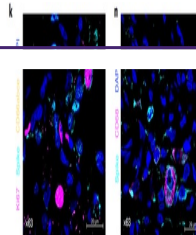
For research use only

## Application notes

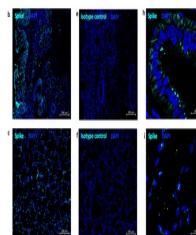
WB: 1 µg/mL; IF: 1 µg/mL. IHC: 0.2 µg/mL Antibody validated: Immunofluorescence and Western blot in human samples. Immunohistochemistry and immunofluorescence in COVID-19 patient samples. It will detect 4 ng of free peptide at 1 µg/mL. The immunogen for this is within the last 50 aa of the spike protein - a peptide corresponding to 20 amino acids near the carboxy terminus of SARS-CoV-2 (COVID-19) Spike glycoprotein. The Extracellular domain (ECD) is from aa 1 to 1208 (full length 1273aa). Therefore, this antibody detects the transmembrane and cytoplasm domains at the C terminus, but does not detect the ECD (which is the region expressed in many commercially available spike proteins). orb1239976 can be used for the detection of full length spike protein and spike protein in COVID-19 patient samples. All other applications and species not yet tested.

## Isotype

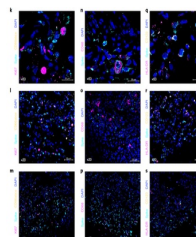
IgG



Immunofluorescent Validation of orb12399...



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Immunofluorescent Validation of orb12399...

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## Expiration Date

12 months from date of receipt.