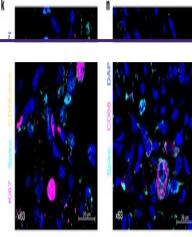
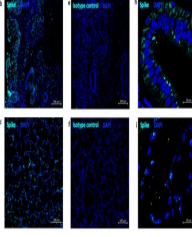
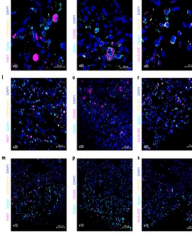

Product Datasheet

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

Description	SARS-CoV-2 (COVID-19) Spike Antibody	
Species/Host	Rabbit	
Reactivity	Virus	
Conjugation	Unconjugated	
Tested Applications	ELISA, IF, IHC, WB	Immunofluorescent Validation of orb12399...
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.	Immunofluorescent Validation of orb12399...
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.	Immunofluorescent Validation of orb12399...
Isotype	IgG	