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Product Datasheet

SARS-CoV-2 (COVID-19) Spike Antibody, Unconjugated, Rabbit, Polyclonal BYT-ORB1239976

Article Name	SARS-CoV-2 (COVID-19) Spike Antibody, Unconjugated, Rabbit, Polyclonal
Biozol Catalog Number	BYT-ORB1239976
Supplier Catalog Number	orb1239976
Alternative Catalog Number	BYT-ORB1239976-0.02,BYT-ORB1239976-0.1
Manufacturer	Biorbyt
Host	Rabbit
Category	Antikörper
Application	ELISA, IF, IHC, WB
Species Reactivity	Virus
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.
Conjugation	Unconjugated
Product Description	SARS-CoV-2 (COVID-19) Spike Antibody...
Clonality	Polyclonal
Concentration	1 mg/mL
NCBI	43416

UniProt	P0DTC2
Buffer	SARS-CoV-2 (COVID-19) Spike Antibody is supplied in PBS containing 0.02% sodium azide.
Form	Liquid
Target	S
Application Notes	<p>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). This antibody 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</p>