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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.</p> <p>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.</p> <p>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).</p> <p>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>