

Product Datasheet

SARS-CoV-2 (COVID-19) S1 RBD Single Domain Antibody [RBD-2B9] (orb1274196)

Catalog Number	orb1274196
Category	Antibodies
Description	SARS-CoV-2 (COVID-19) S1 RBD Single Domain Antibody [RBD-2B9]
Target	S
Clonality	Recombinant
Species/Host	Camelus
Isotype	sdAb
Conjugation	Unconjugated
Reactivity	Virus
Form/Appearance	Liquid
Concentration	batch dependent
Buffer/Preservatives	SARS-CoV-2 (COVID-19) S1 RBD Antibody [RBD-2B9] Antibody is supplied in PBS.
Purification	SARS-CoV-2 (COVID-19) S1 RBD Antibody [RBD-2B9] is affinity chromatography purified via Nickel column. Antibody is supplied as a His-tagged purified protein. It also contains a myc-tag for detection.
Immunogen	SARS-CoV-2 S protein RBD containing C-terminal His Tag. The protein was expressed in human 293 cells (HEK293). It contains amino acids Arg 319 - Lys 537.
Tested applications	ELISA

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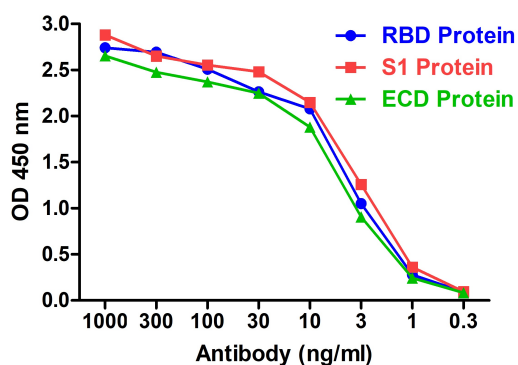
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Antibody Type	Primary Antibody
Clone Number	RBD-2B9
Modifications	None
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Dry Ice Shipping	Please note: This product requires shipment on dry ice. A dry ice surcharge will apply.
Note	For research use only
NCBI	QHD43419
Expiration Date	12 months from date of receipt.



ELISA Validation with SARS-CoV-2 (COVID-19) Spike RBD, S1 and ECD Proteins Antibodies: SARS-CoV-2 (COVID-19) Spike S1 RBD Antibody, orb1274196. A direct ELISA was performed using SARS-CoV-2 Spike recombinant proteins (RBD, orb1231588; S1, orb1227612; ECD, orb1231547) as coating antigen at 1 µg/mL and the anti-SARS-CoV-2 (COVID-19) Spike S1 RBD antibody (orb1274196) as the capture antibody, following by anti-cMyc-tag antibody (orb1239964) at 1 µg/mL. Secondary: Goat anti-mouse IgG HRP conjugate at 1:5000 dilution. Detection range is from 0.3 ng/mL to 1000 ng/mL. SARS-CoV-2 (COVID-19) Spike S1 RBD Antibody, orb1274196 can detect spike RBD, S1 and ECD proteins at 2 ng/mL.

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