

Product Datasheet

SARS-CoV-2 (COVID-19) Spike RBD Monoclonal Antibody [B003] (azide free) (orb1274004)

Catalog Number	orb1274004
Category	Antibodies
Description	SARS-CoV-2 (COVID-19) Spike RBD Monoclonal Antibody [B003] (azide free)
Target	S
Clonality	Monoclonal
Species/Host	Human
Conjugation	Unconjugated
Reactivity	Virus
Form/Appearance	Liquid
Concentration	batch dependent
Buffer/Preservatives	PBS, pH 7.2
Purification	Greater than 95% as determined by reducing SDS-PAGE.
Immunogen	S-RBD recombinant protein
Tested applications	ELISA, NeA, WB
Application notes	ELISA: ECD-1:80000, RBD-1:40000; WB: 1:4000~5000
Antibody Type	Primary Antibody
Modifications	None

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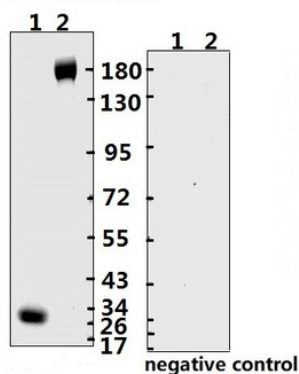
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Storage Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note For research use only

NCBI [QHD43416.1](#)

Expiration Date 12 months from date of receipt.



Western Blot Validation with Recombinant Protein. Loading: 1 ug of recombinant protein per lane. Antibodies: SARS-CoV-2 (COVID-19) Spike-ECD/RBD Monoclonal, orb1274004, 1:4000. Secondary: Goat anti-human IgG HRP conjugate at 1:5000 dilution.

ELISA experiment

	1	2	
A	2.005	2.55	. 1:1000
B	1.846	2.453	. 1:10000
C	1.651	2.292	. 1:20000
D	1.325	1.858	. 1:40000
E	0.976	1.385	. 1:80000
F	0.668	0.951	. 1:160000
G	0.34	0.541	. 1:320000
H	0.167	0.113	Blank control

ELISA Test. Coating original concentration: 2 ug/mL, 100 uL/well samples are column 1: SARS-CoV-2 (COVID-19) Spike-ECD Recombinant Protein, and column 2: SARS-CoV-2 (COVID-19) Spike-RBD Recombinant Protein, orb1231624. Antibodies: SARS-CoV-2 (COVID-19) Spike-ECD/RBD Monoclonal Antibody, orb1274004. Secondary: Goat anti-human IgG HRP conjugate at 1:10000 dilution. Develop: 15 min, 100 uL/well. Stop: Stop buffer 50 uL/well.

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