

Product Datasheet

SARS-CoV-2 (COVID-19) Spike ECD Monoclonal Antibody [B004] (Biotin) (orb1273999)

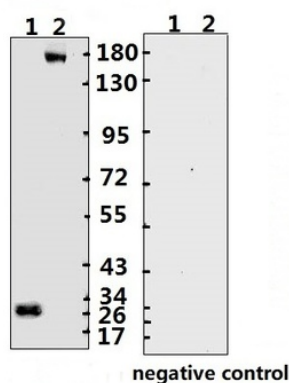
Catalog Number	orb1273999
Description	SARS-CoV-2 (COVID-19) Spike ECD Monoclonal Antibody [B004] (Biotin)
Reactivity	Virus
Conjugation	Biotin
Tested Applications	ELISA, NeA, WB
Immunogen	S-ECD recombinant protein
Target	S
Preservatives	PBS with 0.02% sodium azide, 10% glycerol, pH 7.2
Form/Appearance	Liquid
Concentration	batch dependent
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
Application notes	WB: 1:1000~2000
Clonality	Monoclonal
Antibody Type	Primary Antibody
NCBI	QHD43416.1
Expiration Date	12 months from date of receipt.

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Western Blot Validation with Recombinant Protein. Loading: 1 ug of recombinant protein per lane. Antibodies: ARS-CoV-2 (COVID-19, 2019-nCoV) Spike-ECD Monoclonal, orb1273999, 1:500. Secondary: Goat anti-human IgG HRP conjugate at 1:5000 dilution.

ELISA experiment

	1	2	
A	0.082	2.477	. 1:10000
B	0.132	2.109	. 1:20000
C	0.127	2.039	. 1:40000
D	0.134	1.72	. 1:80000
E	0.109	1.317	. 1:160000
F	0.12	0.863	. 1:320000
G	0.123	0.538	. 1:640000
H	0.082	0.154	Blank control

ELISA Test. Coating original concentration: 2 ug/mL, 100 uL/well samples are column 1: SARS-CoV-2 (COVID-19) Spike-RBD Recombinant Protein, orb1231624, and column 2: SARS-CoV-2 (COVID-19) Spike-ECD Recombinant Protein. Antibodies: SARS-CoV-2 (COVID-19) Spike-ECD Monoclonal Antibody, orb1273999. 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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