

Product Datasheet

SARS-CoV-2 (2019-nCoV) Spike S1 Mouse Monoclonal Antibody (orb1035971)

Catalog Number	orb1035971
Category	Antibodies
Description	SARS-CoV-2 (2019-nCoV) Spike S1 Mouse Monoclonal Antibody
Target	S
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Virus
Predicted Reactivity	Virus
Form/Appearance	Liquid
Concentration	Lot Dependent
Buffer/Preservatives	0.01M PBS (pH7.4).
Purification	Affinity purified by Protein A
Immunogen	Recombinant SARS-CoV-2 Spike S1 Protein (14-685/1213aa)
MW	140 kDa
Tested applications	WB

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

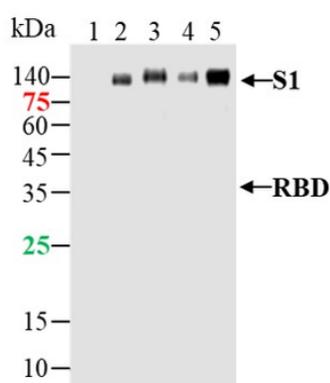
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

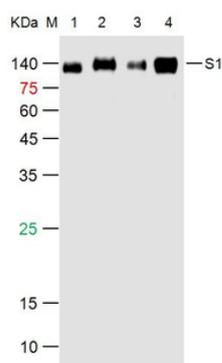
Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Dilution range	WB=1:500-2000
Antibody Type	Primary Antibody
Clone Number	5E12
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



Sample: `_x000B_` Lane 1: SARS-CoV-2 Spike RBD Protein (WT) at 500 ng, `_x000B_` Lane 2: SARS-CoV-2 Spike S1 Protein (E484Q, L452R, D614G, P681R) at 500 ng, `_x000B_` Lane 3: SARS-CoV-2 Spike S1 Protein (D80A, D215G, del241/243, K417N, E484K, N501Y, D614G) at 500 ng, `_x000B_` Lane 4: SARS-CoV-2 Spike S1 Protein (L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y) at 500 ng, Lane 5: SARS-CoV-2 Spike S1 Protein (WT) at 500 ng. Primary: Anti-SARS-CoV-2 Spike S1 Protein at 1/1000 dilution. Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution. Predicted band size: 27kDa / 77.2 kDa. Observed band size: 35kDa/114 kDa.



Sample: Lane 1: SARS-CoV-2 S1 Protein (E484Q, L452R, D614G, P681R) at 500 ng, Lane 2: SARS-CoV-2 S1 Protein (D80A, D215G, del241/243, K417N, E484K, N501Y, D614G) at 1.5 ng, Lane 3: SARS-CoV-2 S1 Protein (L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y) at 500 ng, Lane 4: SARS-CoV-2 S1 Protein (His-Avi, HEK293) at 500 ng. Primary: Mouse Anti-SARS-CoV-2 Spike S1 Protein Antibody at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 78kD, Observed band size: kD.

Biorbyt Ltd.

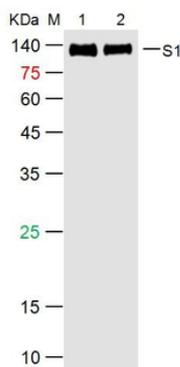
7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com
Phone: +44 (0)1223 859353 | Fax: +1 (415) 651-8558

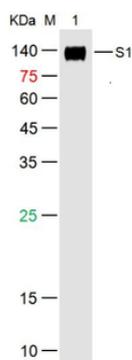
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com
Phone: +1 (415) 906-5211 | Fax: +1 (415) 651-8558



Sample: Lane 1: SARS-CoV-2 S1 Protein (E484Q, L452R, D614G, P681R) at 500 ng, Lane 2: SARS-CoV-2 S1 Protein (L18F, T20N, P26S, D138Y, R190S, K417T, E484K, N501Y, D614G, H655Y) at 500 ng, Primary: Mouse Anti-SARS-CoV-2 Spike S1 Protein Antibody at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 77kD, Observed band size: kD.



Sample: Lane 1: SARS-CoV-2 S1 Protein (His-Avi, HEK293) at 500 ng, Primary: Mouse Anti-SARS-CoV-2 Spike S1 Protein Antibody at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution, Predicted band size: 78kD, Observed band size: kD.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)