

# SARS-CoV-2 Spike Protein (S1/S2) Recombinant Human Monoclonal Antibody (bcb02)

## Product Details

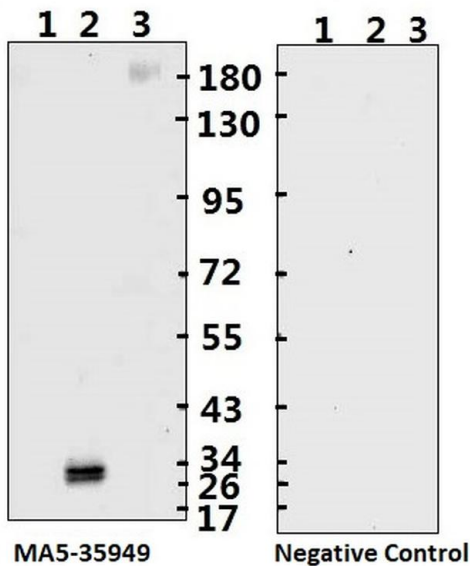
Size	100 µg
Species Reactivity	Virus
Published Species	Mouse
Host/Isotype	Human / IgG
Class	Recombinant Monoclonal
Type	Antibody
Clone	bcb02
Conjugate	Unconjugated
Immunogen	Synthetic peptide corresponding to SARS-CoV-2 Spike Protein (S-ECD/RBD)
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2866561

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000-1:2,000	-
ELISA (ELISA)	Assay-dependent	1 Publication
Neutralization (Neu)	Assay-dependent	-

## Product Specific Information

Purity: Greater than 95% as determined by reducing SDS-PAGE

Product Images For SARS-CoV-2 Spike Protein (S1/S2) Recombinant Human Monoclonal Antibody (bcb02)



**SARS-CoV-2 Spike Protein (S1/S2) Antibody (MA5-35949) in WB**  
Western Blot analysis of SARS Coronavirus Spike Protein was performed by loading (Lane 1) 1 µg of SARS-CoV-2 Nucleocapsid, His Tag Recombinant Protein (Product # RP-87669), (Lane 2) 1 µg of SARS-CoV-2 Spike Protein (S-RBD) (aa319-541), His Tag Recombinant Protein (Product # RP-87670), (Lane 3) 1 µg of SARS-CoV-2 Spike Protein (S-ECD) (aa16-1213), His-Flag Tag Recombinant Protein (Product # RP-87671). The primary antibody used was SARS-CoV-2 Spike Protein (S-ECD/RBD) Monoclonal Antibody (Product # MA5-35949) at a dilution of 1:500. A Goat anti-Human IgG + HRP antibody was used to detect the primary antibody at a dilution of 1:5,000.

1 Reference

ELISA (1)

bioRxiv : the preprint server for biology

Design and proof-of-concept for targeted phage-based COVID-19 vaccination strategies with a streamlined cold-free supply chain.

"Published figure using SARS-CoV-2 Spike Protein (S1/S2) recombinant monoclonal antibody (Product # MA5-35949) in ELISA"

Authors: Staquicini DI,Tang FHF,Markosian C,Yao VJ,Staquicini FI,Dodero-Rojas E,Contessoto VG,Davis D,O'Brien P, Habib N,Smith TL,Bruiners N,Sidman RL,Gennaro ML,Lattime EC,Libutti SK,Whitford PC,Burley SK,Onuchic JN,Arap W,Pasqualini R

Year  
2021

Species  
Mouse

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