

Product Datasheet

Human Coronavirus Spike Protein Antibody (11) - Azide and BSA Free NBP3-14653-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP3-14653-100ul

Human Coronavirus Spike Protein Antibody (11) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	11
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS
Product Description	
Description	This antibody can be stored at 2-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Host	Mouse
Gene ID	3200426
Gene Symbol	S
Species	HCoV-229E
Specificity/Sensitivity	Recognizes the Spike of HCoV-229E. Doesn't recognize the Spike of SARS-CoV-2, SARS-CoV, MERS-CoV, HCoV-NL63, HCoV-HKU1 (isolate N5), HCoV-OC43. Has cross-reactivity in ELISA and WB with: HCoV-229E Spike S1+S2 ECD-His No cross-reactivity in ELISA and WB with: SARS-CoV-2 Spike S1-His SARS-CoV-2 Spike S1 NTD-Fc & AVI SARS-CoV-2 Spike S1 NTD-His & AVI SARS-CoV-2 Spike RBD-His SARS-CoV-2 Spike S1+S2 ECD-His SARS-CoV-2 Spike S2 ECD-His SARS-CoV Spike S1+S2 ECD-His MERS-CoV Spike S1+S2 ECD-His HCoV-OC43 Spike S1+S2 ECD-His HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His HCoV-NL63 Spike S1+S2 ECD-His
Immunogen	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human Coronavirus Spike S1+S2 ECD protein.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:1000-1:5000, ELISA 1:1000-1:2000
Application Notes	Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.

Images

Western Blot: Human Coronavirus Spike Protein Antibody (11) [NBP3-14653] - Anti- Human Coronavirus Spike Protein mouse monoclonal antibody at 1:1000 dilution. Sample: Recombinant Protein 10 ng Lane 1: SARS-CoV-2 Spike S1-His Lane 2: SARS-CoV-2 Spike S1 NTD-Fc & AVI Lane 3: SARS-CoV-2 Spike S1 NTD-His & AVI Lane 4: SARS-CoV-2 Spike RBD-His Lane 5: SARS-CoV-2 Spike S2 ECD-His Lane 6: SARS-CoV-2 Spike S1+S2 ECD-His Lane 7: SARS-CoV Spike S1+S2 ECD-His Lane 8: MERS-CoV Spike S1+S2 ECD-His Lane 9: HCoV-NL63 Spike S1+S2 ECD-His Lane 10: HCoV-229E Spike S1+S2 ECD-His Lane 11: HCoV-HKU1 (isolate N5) Spike S1+S2 ECD-His Lane 12: HCoV-OC43 Spike S1+S2 ECD-His Secondary Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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