

# Product Datasheet

## SARS-CoV-2 Envelope Antibody - BSA Free NBP3-07060

Unit Size: 0.1 mg

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NBP3-07060](http://www.novusbio.com/NBP3-07060)

Updated 10/19/2023 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NBP3-07060](http://www.novusbio.com/reviews/destination/NBP3-07060)



**NBP3-07060****SARS-CoV-2 Envelope Antibody - BSA Free**

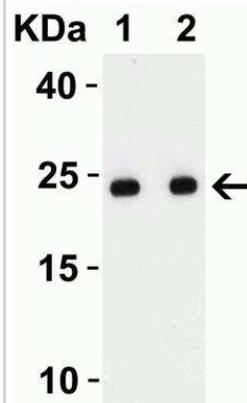
<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	43740570
<b>Gene Symbol</b>	E
<b>Species</b>	SARS-CoV-2
<b>Immunogen</b>	This antibody was raised against a peptide corresponding to 14 amino acids near the carboxyl terminus of SARS-CoV-2 (COVID-19) Envelope protein. The immunogen is located within the last 50 amino acids of SARS-CoV-2 (COVID-19) Envelope protein.

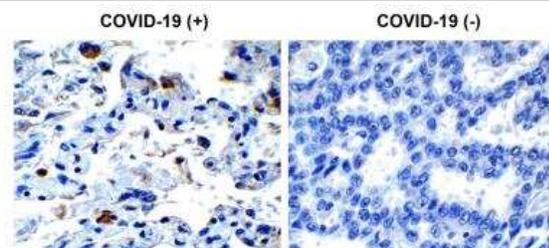
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot, ELISA 1 ug/mL, Immunohistochemistry 0.5 ug/mL

## Images

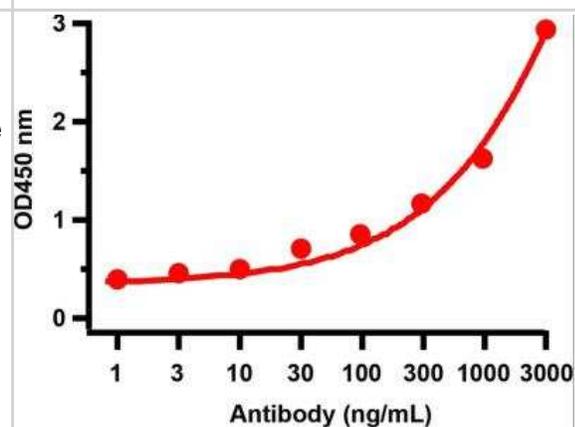
Western Blot: SARS-CoV-2 Envelope Antibody [NBP3-07060] - Loading: 50 ng per lane of SARS-CoV-2 (COVID-19) Envelope recombinant protein. Antibodies: SARS-CoV-2 (COVID-19) Envelope, 1h incubation at RT in 5% NFDN/TBST. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:10000 dilution. Lane 1: 1 ug/mL and Lane 2: 2 ug/mL



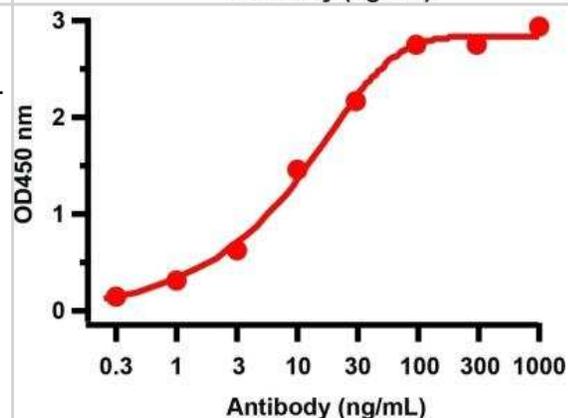
Immunohistochemistry: SARS-CoV-2 Envelope Antibody [NBP3-07060] - Immunohistochemistry analysis of paraffin-embedded COVID-19 patient lung tissue using (0.5 ug/mL). Tissue was fixed with formaldehyde and blocked with 10% serum for 1 h at RT; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody overnight at 4 degrees celsius. A goat anti-rabbit IgG H&L (HRP) at 1/250 was used as secondary. Counter stained with Hematoxylin. Strong signal of SARS-COV-2 envelope protein was observed in macrophage of COVID-19 patient lung, but not in non-COVID-19 patient lung.



ELISA: SARS-CoV-2 Envelope Antibody [NBP3-07060] - Antibodies: SARS-CoV-2 Envelope Antibody. A direct ELISA was performed using SARSCoV-2 Envelope recombinant protein (92-730) as coating antigen and the anti-SARS-CoV-2 (COVID-19) Envelope antibody as the capture antibody. Secondary: Goat an-rabbit IgG HRP conjugate at 1:20000 diluon. Detection range is from 1 ng/mL to 3000 ng/mL



ELISA: SARS-CoV-2 Envelope Antibody [NBP3-07060] - Antibodies: SARS-CoV-2 Envelope Antibody. A direct ELISA was performed using immunogen peptide (3531P) as coating antigen and the anti-SARS-CoV-2 (COVID-19) Envelope antibody as the capture antibody. Secondary: Goat anti-rabbit IgG HRP conjugate at 1:20000 dilution. Detection range is from 0.3 ng/mL to 1000 ng/mL.





### **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

### **Products Related to NBP3-07060**

---

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-90986	Recombinant SARS-CoV-2 Envelope (Avi Epitope Tag) His (N-Term) Avi-tag Protein

---

### **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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NBP3-07060](http://www.novusbio.com/reviews/submit/NBP3-07060)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

