

Product Datasheet

SARS-CoV-2 ORF3a Antibody - BSA Free NBP3-11933

Unit Size: 0.1 mg

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

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NBP3-11933

SARS-CoV-2 ORF3a Antibody - BSA Free

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

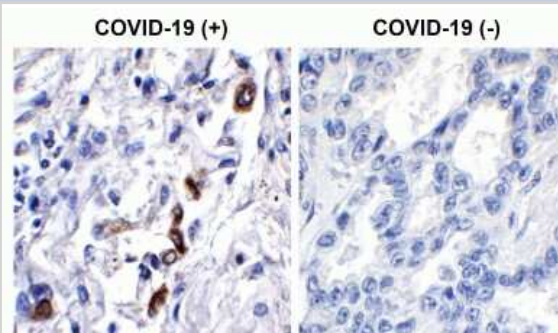
Product Description	
Host	Rabbit
Gene ID	43740569
Gene Symbol	ORF3a
Species	SARS-CoV-2
Immunogen	Antibody was raised against a peptide corresponding to 15 amino acids near the amino-terminus of SARS-CoV-2 ORF3a protein. The immunogen is located within the first 50 amino acids of the SARS-CoV-2 ORF3a protein.

Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	ELISA 1 ug/mL, Immunohistochemistry 0.2 ug/ml, Immunohistochemistry-Paraffin

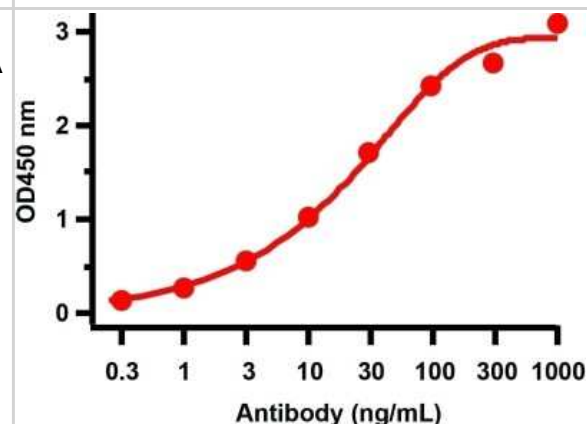


Images

Immunohistochemistry-Paraffin: SARS-CoV-2 ORF3a Antibody [NBP3-11933] - Immunohistochemistry Validation of SARS-CoV-2 (COVID-19) ORF3a in COVID-19 Patient Lung Immunohistochemical analysis of paraffin-embedded COVID-19 patient lung tissue using anti- SARS-CoV-2 ORF3a antibody (NBP3-11933, 0.2 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 4C. 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 ORF3a protein was observed in macrophages of COVID-19 patient lung, but not in non-COVID-19 patient lung.



ELISA: SARS-CoV-2 ORF3a Antibody [NBP3-11933] - ELISA Validation Antibodies: SARS-CoV-2 ORF3a Antibody, NBP3-11933. A direct ELISA was performed using SARS-CoV-2 ORF3a immunogen peptide as coating antigen and the anti-SARS-CoV-2 ORF3a 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





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Products Related to NBP3-11933

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP3-07088	Recombinant SARS-CoV-2 ORF3a His 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.

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