

# Product Datasheet

## Coronavirus Antibody (FIPV3-70) - BSA Free NB100-64754

Unit Size: 0.125 mg

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

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**NB100-64754**

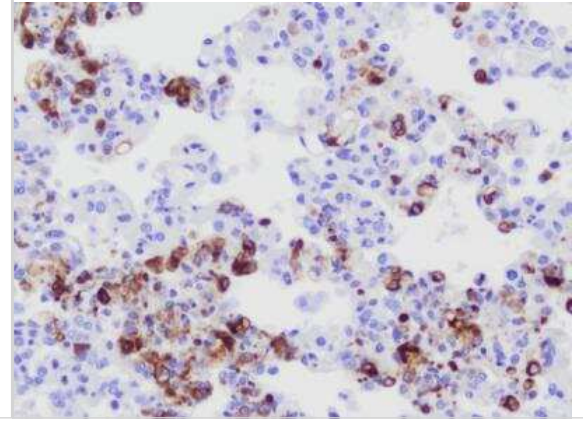
Coronavirus Antibody (FIPV3-70) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.125 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	FIPV3-70
<b>Preservative</b>	<0.1% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Coronavirus Antibody (FIPV3-70) - BSA Free (NB100-64754) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Coronavirus Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Species</b>	Virus
<b>Specificity/Sensitivity</b>	NB100-64754 reacts with feline infectious peritonitis virus (FIPV) type 1 and 2 and is known to be specific for the nucleocapsid. It is also known to react with canine coronavirus (CCV), pig coronavirus transmissible gastroenteritis virus (TGEV) and ferret coronavirus. Some specific activity has been detected against bovine coronavirus (BCV). Clone FIPV3-70 exhibits negative reactivity against Feline Leukemia virus, Feline Immunodeficiency virus, Feline Calcivirus, Feline Herpes virus, Canine Adenovirus (type 2), Canine Distemper virus, Canine Parvovirus and Canine Parainfluenza virus.
<b>Immunogen</b>	Coronavirus cocktail
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Flow Cytometry 1:10-1:1000, ELISA 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500
<b>Application Notes</b>	This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.



## Images

Immunohistochemistry-Paraffin: Coronavirus Antibody (FIPV3-70) [NB100-64754] - FIP immunoreactivity in feline lung. Primary antibody used at 1:400 dilution and incubated with tissue sections for 30 minutes at room temperature. IHC-P image submitted by a verified customer review.



## Publications

Dahal S, Cheng R, Cheung P et al. The Thiazole-5-Carboxamide GPS491 Inhibits HIV-1, Adenovirus, and Coronavirus Replication by Altering RNA Processing/Accumulation Viruses 2021-12-30 [PMID: 35062264] (WB)

Gunasekaran M, Ravichandran R, Bansal S et al. Respiratory viral infection in lung-transplant induces exosomes that trigger chronic-rejection The Journal of Heart and Lung Transplantation 2020-01-21 [PMID: 32033844] (WB)

Ives EJ, Vanhaesebrouck AE, Cian F. Immunocytochemical demonstration of feline infectious peritonitis virus within cerebrospinal fluid macrophages. J Feline Med Surg 2013-06-06 [PMID: 23744728] (ICC/IF, Virus)



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### **Products Related to NB100-64754**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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### **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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