

## Product datasheet for **SM1870P**

### Feline Coronavirus Mouse Monoclonal Antibody [Clone ID: FIPV3-70]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	FIPV3-70
Applications:	ELISA, FC, IF, IHC, WB
Recommended Dilution:	<b>Flow Cytometry.</b> <b>Immunofluorescence.</b> <b>ELISA:</b> This antibody can be used as a Capture reagent in ELISA assays in combination with AM01094BT-N as a detection reagent. <b>Western Blot:</b> Western blotting, using this antibody under reducing conditions, results in a specific band of 50-56 kDa that represents the nucleocapsid. <b>Immunohistochemistry on Frozen and Paraffin Sections:</b> Microwave induced antigen retrieval in 10 mM citrate buffer is recommended prior to staining of paraffin embedded sections.
Reactivity:	Feline Coronavirus, Feline Infectious Peritonitis Virus, Canine Coronavirus, Transmissible Gastroenteritis Virus, Bovine Coronavirus
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Coronavirus cocktail.
Specificity:	This antibody 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.
Formulation:	PBS, pH 7.2 containing 0.05% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A.



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<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.