

## Mouse Anti Feline Coronavirus: Biotin

#Cat: NB-47-04085-250UG

Size: 0.25MG

<b>Description:</b>	Mouse Anti Feline Coronavirus:Biotin
<b>Batch Number</b>	163812
<b>Specificity:</b>	CORONAVIRUS
<b>Format:</b>	Biotin
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	CCV2-2
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.25 mg

### Product Details

#### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.Neo-biotech.com](http://www.Neo-biotech.com)

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Viral
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	
<b>Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0mg/ml

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<b>Specificity</b>	<p><b>Mouse anti Feline Coronavirus antibody, clone CCV2-2</b> recognises feline coronavirus and feline infectious peritonitis virus (FIPV).</p> <p>Feline coronavirus is a common infection of cats worldwide, which may or may not cause a mild respiratory infection. Mutation of this virus into FIPV however, is responsible for the fatal condition known as effusive or non-effusive feline infectious peritonitis (FIP).</p>
<b>References</b>	<p>1.Kipar, A. <i>et al.</i> (1998) Cellular composition, coronavirus antigen expression and production of specific antibodies in lesions in feline infectious peritonitis. <a href="#">Vet Immunol Immunopathol. 65 (2-4): 243-57.</a></p>
<b>Further Reading</b>	<p>1. Rottier, P.J. <i>et al.</i> (2005) Acquisition of macrophage tropism during the pathogenesis of feline infectious peritonitis is determined by mutations in the feline coronavirus spike protein. <a href="#">J Virol. 79 (22): 14122-30.</a></p>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at 20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="http://www.Neo-biotech.com">www.Neo-biotech.com</a> 10040
<b>Regulatory</b>	For research purposes only

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