

AM01094BT-N**Monoclonal Antibody to Feline Coronavirus - Biotin**

Quantity:	0.25 mg
Concentration:	1.0mg/ml
Background:	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 noneffusive feline infectious peritonitis (FIP).
Host / Isotype:	Mouse / IgG1
Clone:	CCV2-2
Format:	State: Liquid purified Ig Purification: Affinity chromatography on Protein A Buffer System: PBS, pH 7.2 containing 0.05% Sodium Azide Label: Biotin
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises feline coronavirus and feline infectious peritonitis virus (FIPV). Species: Viral Other species not tested.
Storage:	Store at +4°C or at -20°C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf life: one year from despatch.
General Readings:	1. Rottier PJ, Nakamura K, Schellen P, Volders H, Haijema BJ. Acquisition of macrophage tropism during the pathogenesis of feline infectious peritonitis is determined by mutations in the feline coronavirus spike protein. J Virol. 2005 Nov;79(22):14122-30. PubMed PMID: 16254347. 2. Kipar A, Bellmann S, Kremendahl J, Köhler K, Reinacher M. Cellular composition, coronavirus antigen expression and production of specific antibodies in lesions in feline infectious peritonitis. Vet Immunol Immunopathol. 1998 Oct 23;65(2-4):243-57. PubMed PMID: 9839877.