Datasheet: AAI26

BATCH NUMBER 166786

Description:	GOAT ANTI CAT IgG (Fc)
Specificity:	IgG (Fc)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 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.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/100 - 1/1000
Immunoprecipitation			▪	
Western Blotting			▪	
Immunodiffusion	▪			

Where this antibody 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 antibody for use in their own system using the appropriate negative/positive controls.

Target Species

Cat

Species Cross Reactivity

Reacts with: Iberian Lynx, Rabbit
N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antisera to feline IgG were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified feline IgG (Fc) fragment.
RRID	AB_323011
Specificity	**Goat anti cat IgG (Fc) antibody** recognizes feline IgG (Fc) and shows no cross-reactivity with other feline immunoglobulin classes in immunoelectrophoresis.
References	1. Norris, C.R. *et al.* (2003) Production of polyclonal antisera against feline immunoglobulin E and its use in an ELISA in cats with experimentally induced asthma. Vet Immunol Immunopathol. 96: 149-57. 2. Jiménez, A. *et al.* (2008) Membranous glomerulonephritis in the Iberian lynx (*Lynx pardinus*). Vet Immunol Immunopathol. 121: 34-43. 3. Saari, S. *et al.* (2008) A nonhealing ulcerative skin lesion associated with *Trichinella nativa* infection in a cat. J Vet Diagn Invest. 20:839-43. 4. De Craeye, S. *et al.* (2008) Prevalence of *Toxoplasma gondii* infection in Belgian house cats. Vet Parasitol. 157:128-32. 5. Tochikura, T.S. *et al.* (2010) Differential CXCR4 expression and function in subpopulations of the feline lymphoma cell line 3201 susceptible to feline immunodeficiency virus. J Feline Med Surg. 12: 269-77. 6. Alvarez-Guerrero C *et al.* (2014) Pathological and parasitological traits in experimentally infected cats with *Gnathostoma binucleatum* (Spirurida: Gnathostomatidae). Vet Parasitol. 204 (3-4): 279-84. 7. Persichetti, M.F. *et al.* (2017) Diagnostic performance of ELISA, IFAT and Western blot for the detection of anti-*Leishmania infantum* antibodies in cats using a Bayesian analysis without a gold standard. Parasit Vectors. 10 (1): 119. 8. Pereira, A. *et al.* (2019) Antibody response to *Phlebotomus perniciosus* saliva in cats naturally exposed to phlebotomine sand flies is positively associated with *Leishmania* infection. Parasit Vectors. 12 (1): 128. 9. Cherif, A.M. *et al*. (2022) A cross- sectional study of Leishmania infantum infection in stray cats in Algiers' suburbs, Algeria, and evaluation of serological and molecular tests for its diagnosis Veterinaria 71 (1): 73-83. 10. Balan, P. *et al.* (2020) Orally administered ovine serum immunoglobulins modulate dental plaque in cats. Res Vet Sci. 133: 262-268.
Storage	Store at +4ºC. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Guarantee	12 months from date of despatch

Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AAI26
	10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...)FITC, HRP

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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