

Datasheet: AA126F

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| Description: | GOAT ANTI CAT IgG (Fc):FITC |
| Specificity: | IgG (Fc) |
| Format: | FITC |
| 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 | ▪ | | | 1/50 - 1/500 |
| Immunohistology - Paraffin | | | ▪ | |
| Immunofluorescence | | | ▪ | |

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 conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

| Max Ex/Em | Fluorophore | Excitation Max (nm) | Emission Max (nm) |
|-----------|-------------|---------------------|-------------------|
| | FITC | 490 | 525 |

Antiserum Preparation Antisera to feline IgG were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.

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|---------------------------------------|---|
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide 0.2% Bovine Serum Albumin |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | Purified feline IgG (Fc) fragment. |
| RRID | AB_323010 |
| Specificity | Goat anti cat IgG (Fc) antibody recognizes feline IgG (Fc) and shows no cross-reactivity with other feline immunoglobulin classes in immunoelectrophoresis. |
| References | <ol style="list-style-type: none"> Norris, C.R. <i>et al.</i> (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. Jiménez, A. <i>et al.</i> (2008) Membranous glomerulonephritis in the Iberian lynx (<i>Lynx pardinus</i>). Vet Immunol Immunopathol. 121: 34-43. Saari, S. <i>et al.</i> (2008) A nonhealing ulcerative skin lesion associated with <i>Trichinella nativa</i> infection in a cat. J Vet Diagn Invest. 20:839-43. De Craeye, S. <i>et al.</i> (2008) Prevalence of <i>Toxoplasma gondii</i> infection in Belgian house cats. Vet Parasitol. 157:128-32. Tochikura, T.S. <i>et al.</i> (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. Alvarez-Guerrero C <i>et al.</i> (2014) Pathological and parasitological traits in experimentally infected cats with <i>Gnathostoma binucleatum</i> (Spirurida: Gnathostomatidae). Vet Parasitol. 204 (3-4): 279-84. Persichetti, M.F. <i>et al.</i> (2017) Diagnostic performance of ELISA, IFAT and Western blot for the detection of anti-<i>Leishmania infantum</i> antibodies in cats using a Bayesian analysis without a gold standard. Parasit Vectors. 10 (1): 119. Pereira, A. <i>et al.</i> (2019) Antibody response to <i>Phlebotomus perniciosus</i> saliva in cats naturally exposed to phlebotomine sand flies is positively associated with <i>Leishmania</i> infection. Parasit Vectors. 12 (1): 128. Mohamed-Cherif, A. <i>et al.</i> (2022) A cross-sectional study of <i>Leishmania infantum</i> infection in stray cats in Algiers' suburbs, Algeria, and evaluation of serological and molecular tests for its diagnosis Veterinaria 71 (1): 73-83. Balan, P. <i>et al.</i> (2020) Orally administered ovine serum immunoglobulins modulate dental plaque in cats. Res Vet Sci. 133: 262-268. |
| Storage | Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. 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 #10041 available at:
<https://www.bio-rad-antibodies.com/SDS/AAI26F10041>

Regulatory For research purposes only

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|----------------------------------|---|------------------|---|---------------|---|

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M438056:250321'

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