

Datasheet: AAI24F

Description:	GOAT ANTI CAT IgM:FITC
Specificity:	IgM
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	▪			
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		
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 IgM were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.

Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	0.2% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified feline IgM

Specificity **Goat anti Cat IgM antibody** recognizes feline IgM and shows no cross - reactivity with other feline immunoglobulin classes in immunoelectrophoresis.

Goat anti Cat IgM antibody may cross react with IgM from other species.

References

1. Jiménez, A. *et al.* (2008) Membranous glomerulonephritis in the Iberian lynx (*Lynx pardinus*). [Vet Immunol Immunopathol. 121: 34-43.](#)
2. 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.](#)
3. Limlengert, P. *et al.* (2011) Application of Flow Cytometry for Early Diagnosis and Monitoring in Cats with Immune-mediated Hemolytic Anemia [Thai J Vet Med. 41: 185-91.](#)

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.

Shelf Life

12 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10041 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

Regulatory

For research purposes only

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