

Datasheet: MCA2038S

Description:	MOUSE ANTI CAT CD5
Specificity:	CD5
Format:	S/N
Product Type:	Monoclonal Antibody
Clone:	FE1.1B11
Isotype:	IgG1
Quantity:	2 ml

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	▪			Neat
Immunohistology - Frozen	▪			
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	

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 appropriate negative/positive controls.

Target Species	Cat
Product Form	Tissue Culture Supernatant - liquid
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
RRID	AB_323366
Specificity	Mouse anti Cat CD5 antibody, clone FE1.1B11 recognizes feline CD5, a 67kDa cell surface glycoprotein expressed by peripheral T lymphocytes and thymocytes.
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
References	1. Roccabianca, P. <i>et al.</i> (2000) Characterization of the diffuse mucosal associated

- lymphoid tissue of feline small intestine. [Vet Immunol Immunopathol. 75 \(1-2\): 27-42.](#)
2. Riondato, F. *et al.* (2003) Effects of interferon alpha (INF-alpha) therapy on peripheral blood lymphocyte subsets from FIV and FeLV naturally infected cats. [Vet Res Commun. 27: 429-32.](#)
 3. Affolter, V.K. and Moore, P.F. (2006) Feline progressive histiocytosis. [Vet Pathol. 43: 646-55.](#)
 4. Roccabianca, P. *et al.* (2006) Feline large granular lymphocyte (LGL) lymphoma with secondary leukemia: primary intestinal origin with predominance of a CD3/CD8(alpha) (alpha) phenotype. [Vet Pathol. 43: 15-28.](#)
 5. Abkowitz, J.L. *et al.* (2009) In utero transplantation of monocytic cells in cats with alpha-mannosidosis. [Transplantation. 88: 323-9.](#)
 6. Guzera, M. *et al.* (2016) The use of flow cytometry for immunophenotyping lymphoproliferative disorders in cats: a retrospective study of 19 cases. [Vet Comp Oncol. 14 Suppl 1: 40-51.](#)

Storage 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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10055 available at: 10055: <https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
- Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
- Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
- Goat Anti Mouse IgG (H/L) (STAR117...) [FITC](#)

Recommended Negative Controls

- [MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)
- [MOUSE IgG1 NEGATIVE CONTROL \(MCA1209\)](#)

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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

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