

Datasheet: MCA2569F

Description:	MOUSE ANTI GIARDIA LAMBLIA:FITC
Specificity:	GIARDIA LAMBLIA
Format:	FITC
Product Type:	Monoclonal Antibody
Clone:	6271
Isotype:	IgG3
Quantity:	0.1 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			▪	
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			1/5 - 1/20
Functional Assays			▪	

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

Target Species	Protozoan		
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
Preparation	Purified IgG prepared by affinity chromatography on Protein A.		
Buffer Solution	Phosphate buffered saline		
Preservative	0.1% Sodium Azide (NaN ₃)		

Stabilisers	1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	Giardia lamblia cysts.
RRID	AB_1963546
Specificity	<p>Mouse anti Giardia lamblia (clone 6271) detects <i>Giardia lamblia</i>, a flagellated protozoan parasite which infects the small intestines of humans and a variety of other mammalian hosts.</p> <p>Infection by <i>G. lamblia</i> results in giardiasis; a type of gastroenteritis that causes severe diarrhea and abdominal cramps. It has been suggested that chronic giardiasis can result in long-term growth retardation.</p> <p>Does not react with Cryptosporidium and Microsporidia cysts.</p>
References	1. Li, X.X. <i>et al.</i> (2008) Detection of pathogen based on the catalytic growth of gold nanocrystals. Detection of pathogen based on the catalytic
Further Reading	1. Adam, R.D. (2001) Biology of Giardia lamblia. Clin Microbiol Rev. 14: 447-475.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

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