

## Datasheet: MCA2569F

<b>Description:</b>	MOUSE ANTI GIARDIA LAMBLIA:FITC
<b>Specificity:</b>	GIARDIA LAMBLIA
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	6271
<b>Isotype:</b>	IgG3
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Protozoan		
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A.		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.1% Sodium Azide (NaN <sub>3</sub> )		
<b>Stabilisers</b>	1% Bovine Serum Albumin		
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml		
<b>Immunogen</b>	Giardia lamblia cysts.		

<b>Specificity</b>	<p><b>Mouse anti Giardia lamblia (clone 6271)</b> 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>
<b>References</b>	<p>1. Li, X.X. <i>et al.</i> (2008) Detection of pathogen based on the catalytic growth of gold nanocrystals. <a href="#">Detection of pathogen based on the catalytic</a></p>
<b>Further Reading</b>	<p>1. Adam, R.D. (2001) Biology of Giardia lamblia. <a href="#">Clin Microbiol Rev. 14: 447-475.</a></p>
<b>Storage</b>	<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>
<b>Shelf Life</b>	<p>18 months from date of despatch.</p>
<b>Health And Safety Information</b>	<p>Material Safety Datasheet documentation #10304 available at: 10304: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10304.pdf</a></p>
<b>Regulatory</b>	<p>For research purposes only</p>

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