

Datasheet: MCA2571

BATCH NUMBER 160282

Description:	MOUSE ANTI CRYPTOSPORIDIUM PARVUM
Specificity:	CRYPTOSPORIDIUM PARVUM
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	7631
Isotype:	IgG1
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	▪			1/10 - 1/50
ELISA	▪			1/20 - 1/200
Immunoprecipitation			▪	
Western Blotting			▪	
Immunofluorescence	▪			1/10 - 1/50
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 - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 0.1 mg/ml
Immunogen	Intact oocysts of <i>C.Parvum</i> .
RRID	AB_808541
Specificity	<p>Mouse anti <i>Cryptosporidium parvum</i> antibody, clone 7631 recognizes the protozoan <i>Cryptosporidium parvum</i>, an obligate intracellular parasite of the phylum <i>Apicomplexa</i>. The genome of <i>C. parvum</i> is one of the smallest among unicellular eukaryotic organisms.</p> <p><i>C. parvum</i> is one of several species that cause cryptosporidiosis; a disease affecting the intestines of mammals spread through the fecal-oral route. The main symptom is self-limiting diarrhea in people with intact immune systems. However, in immunocompromised individuals, such as AIDS patients, infection can cause permanent & life-threatening diarrhea. Cryptosporidiosis is one of the most common waterborne diseases worldwide (Current & Garcia 1991) .</p>
Histology Positive Control Tissue	Intact oocysts of <i>C.parvum</i> .
References	1. FitzGerald, L. <i>et al.</i> (2011) Morphological and molecular characterisation of a mixed <i>Cryptosporidium muris</i> / <i>Cryptosporidium felis</i> infection in a cat. Vet Parasitol. 175: 160-4.
Further Reading	1. Spano, F. and Crisanti, A. (2000) <i>Cryptosporidium parvum</i> : the many secrets of a small genome. Int J Parasitol. 30: 553-65.
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA2571 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
- Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)
- Goat Anti Mouse IgG (STAR76...) [RPE](#)

Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@550](#),
[DyLight@650](#), [DyLight@680](#), [DyLight@800](#),
[FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

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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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