

Datasheet: MCA2571

BATCH NUMBER 153453

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>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 #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
'M367190:200529'

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