Datasheet: MCA2571

Description: MOUSE ANTI CRYPTOSPORIDIUM PARVUM

Specificity: CRYPTOSPORIDIUM PARVUM

Format: Purified

Product Type: Monoclonal Antibody

Clone: 7631

Isotype: IgG1

Quantity: 0.1 mg

RRID: AB_808541

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.

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<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<td>Flow Cytometry</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Immunofluorescence</td>
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<td>Functional Assays</td>
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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

Buffer Solution: Phosphate buffered saline

Preservative Stabilisers: 0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations: IgG concentration 0.1 mg/ml

Immunogen: Intact oocysts of C.Parvum.
**Specificity**

Mouse anti *Cryptosporidium parvum* antibody, clone 7631 recognizes the protozoan *Cryptosporidium parvum*, an obligate intracellular parasite of the phylum *Apicomplexa*. The genome of *C. parvum* is one of the smallest among unicellular eukaryotic organisms.

*C. parvum* 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](#)).

**Histology Positive Control Tissue**

Intact oocysts of *C. parvum*.

**References**


**Further Reading**


**Storage**

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. 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.

**Guarantee**

18 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only

**Related Products**

**Recommended Secondary Antibodies**

- Goat Anti Mouse IgG IgA IgM (STAR87...): [Alk Phos, HRP](#)
- Goat Anti Mouse IgG (STAR77...): [HRP](#)
- Rabbit Anti Mouse IgG (STAR12...): [RPE](#)
- Rabbit Anti Mouse IgG (STAR8...): [DyLight®800](#)
- Rabbit Anti Mouse IgG (STAR13...): [HRP](#)
- Goat Anti Mouse IgG (STAR76...): [RPE](#)
- Goat Anti Mouse IgG (STAR70...): [FITC](#)
- Goat Anti Mouse IgG (Fc) (STAR120...): [FITC, HRP](#)
- Rabbit Anti Mouse IgG (STAR9...): [FITC](#)
- Goat Anti Mouse IgG (H/L) (STAR117...): [Alk Phos, DyLight®488, DyLight®680, DyLight®800, FITC, HRP](#)