

# Anti-Cryptosporidium antibody [BEL 0126] ab54066

### Overview

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<b>Product name</b>	Anti-Cryptosporidium antibody [BEL 0126]
<b>Description</b>	Mouse monoclonal [BEL 0126] to Cryptosporidium
<b>Host species</b>	Mouse
<b>Specificity</b>	This antibody recognizes a membrane antigen expressed by the oocysts of <i>Cryptosporidium parvum</i>
<b>Tested applications</b>	<b>Suitable for:</b> ELISA, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Cryptosporidium parvum
<b>Immunogen</b>	Tissue, cells or virus corresponding to Cryptosporidium. Purified oocysts from bovine faeces
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. Store In the Dark.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	BEL 0126
<b>Isotype</b>	IgG3

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab54066 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/2000 - 1/8000.
ICC/IF		1/50 - 1/200.

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## Target

### Relevance

Cryptosporidium is a small protozoan parasite, measuring about 3-5 µm. It lives on (or just under) the surface of the cells lining the small intestine, reproduces asexually, and oocysts are passed in the faeces. Transmission of the infection occurs via the oocysts. Many human infections have been traced to the contamination of drinking water with oocysts from agricultural "run-off" (i.e., drainage from pastures), so it is considered a zoonosis. The most common symptom of cryptosporidiosis is watery diarrhoea; other symptoms include stomach cramps or pain, fever, nausea and vomiting. In persons with healthy immune systems, symptoms usually last about 1 to 2 weeks. Cryptosporidiosis is now recognized as an important opportunistic infection, especially in immunocompromised hosts.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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## Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors