

Product datasheet

Anti-Cryptosporidium antibody [BEL 0126] ab54066

Overview

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|----------------------------|---|
| Product name | Anti-Cryptosporidium antibody [BEL 0126] |
| Description | Mouse monoclonal [BEL 0126] to Cryptosporidium |
| Host species | Mouse |
| Specificity | This antibody recognizes a membrane antigen expressed by the oocysts of <i>Cryptosporidium parvum</i> |
| Tested applications | Suitable for: ELISA, ICC/IF |
| Species reactivity | Cryptosporidium |
| Immunogen | Native, purified oocysts from bovine faeces |

Properties

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|-----------------------------|--|
| Form | Liquid |
| Storage instructions | 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. |
| Storage buffer | Preservative: 0.09% Sodium Azide Constituents: PBS, pH 7.2 |
| Purity | Protein A purified |
| Clonality | Monoclonal |
| Clone number | BEL 0126 |
| Isotype | IgG3 |

Applications

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. |

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.

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