

Product datasheet

Anti-Cryptosporidium antibody [BEL 0126] ab54066

Overview

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	Reacts with: Other species
Immunogen	Native, purified oocysts from bovine faeces

Properties

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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