

Monoclonal Antibody to Cryptosporidium - FITC

Catalog No.:	BM1049FX
Quantity:	0.2 mg
Concentration:	0.94 mg/ml
Background:	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.
Host / Isotype:	Mouse / IgG3
Clone:	BEL 0126
Immunogen:	Purified cryptosporidium oocysts from bovine faeces.
Format:	State: Liquid purified IgG3 Purification: Affinity chromatography on Protein A Buffer System: Phosphate buffered saline containing 0.09% Sodium Azide (NaN ₃) Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Immunofluorescence. ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific for a membrane antigen of <i>Cryptosporidium</i> .
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.