

Product datasheet for **BM1049**

Cryptosporidium Mouse Monoclonal Antibody [Clone ID: BEL0126]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BEL0126
Applications:	ELISA, FC, IF
Recommended Dilution:	ELISA: 1/2000 - 1/8000. Immunofluorescence: 1/50 - 1/200.
Reactivity:	Cryptosporidium parvum
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	Purified Oocysts from bovine faeces.
Specificity:	This antibody recognises a membrane antigen expressed by the oocysts of <i>Cryptosporidium parvum</i> , an obligate intracellular parasite of the phylum Apicomplexa.
Formulation:	PBS, pH 7.2 containing 0.09% Sodium Azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	Affinity chromatography on Protein A
Conjugation:	Unconjugated
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.
Stability:	Shelf life: one year from despatch.
Background:	The genome of <i>C. parvum</i> is one of the smallest among unicellular eukaryotic organisms. <i>C. parvum</i> is one of several species that cause cryptosporidiosis; a disease affecting the intestines of mammals and is 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.



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