

Product datasheet for **AM01103PU-N**

Cryptosporidium parvum Mouse Monoclonal Antibody [Clone ID: 7631]

Product data:

Product Type:	Primary Antibodies
Clone Name:	7631
Applications:	ELISA, IF, IHC
Recommended Dilution:	ELISA: 1/20-1/200. Immunofluorescence: 1/10-1/50. Immunohistochemistry on Paraffin Sections: 1/10-1/50.
Reactivity:	Cryptosporidium parvum
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Intact oocysts of <i>C. Parvum</i> .
Specificity:	This antibody detects the protozoa <i>Cryptosporidium parvum</i> , an obligate intracellular parasite of the phylum Apicomplexa. The genome of <i>C. parvum</i> is one of the smallest among unicellular eukaryotic organisms.
Formulation:	0.01M PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store 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.



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Background:

The genome of *C. parvum* is one of the smallest among unicellular eukaryotic organisms. *C. parvum* 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.