

**Monoclonal Anti-Cryptosporidium parvum Oocyst Wall, Clone 4D1 (produced in vitro)**

**Catalog No. NR-14799**

This reagent is the tangible property of the U.S. Government.

**For research use only. Not for human use.**

**Contributor:**

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**Manufacturer:**

BEI Resources

**Product Description:**

Antibody Class: IgMκ

Mouse monoclonal antibody against purified protein from *Cryptosporidium parvum* (*C. parvum*) oocyst wall was produced *in vitro* from hybridoma clone 4D1.

**Material Provided:**

Each vial contains approximately 1 mL of NR-14799 in culture medium.

**Packaging/Storage:**

NR-14799 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

**Functional Activity:**

NR-14799 stains *C. parvum* oocysts in indirect immunofluorescence assays. The antibody has been reported to react with *C. parvum* oocyst wall in ELISA, immunohistochemistry and western blot assays.<sup>1</sup>

**Citation:**

Acknowledgment for publications should read “The following reagent was provided by the NIH Biodefense Proteomics Research Centers, NIAID, for distribution through BEI Resources, NIAID, NIH: Monoclonal Anti-*Cryptosporidium parvum* Oocyst Wall, Clone 4D1 (produced *in vitro*), NR-14799.”

**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. [Biosafety in Microbiological and Biomedical Laboratories](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Weiss, L. M., Personal Communication.

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