

## 12-8202: Anti-Cryptosporidium, Oocysts (CSPOR-4074)

**Clonality :** Monoclonal  
**Clone Name :** CSPOR-4074  
**Alternative Name :** Crypto

### Description

Specificity: Anti-Cryptosporidium (Clone CSPOR-4074) is specific for the oocyst cell wall glyco-antigen (periodate sensitive). It is non-reactive with *Giardia lamblia*, *Candida albicans* & human cells.

Background: *Cryptosporidium* is a genus of parasitic protozoa that can cause a diarrheal illness known as cryptosporidiosis in humans and animals. It is a waterborne pathogen and is transmitted through the ingestion of infectious oocysts, the dormant and infective stage of the parasite, found in contaminated food and water, or through direct contact with infected individuals or animals. Once ingested, the oocysts release sporozoites that invade the intestinal lining, leading to inflammation and diarrhea. Cryptosporidiosis can be particularly severe in individuals with weakened immune systems, such as those with HIV/AIDS or undergoing cancer treatment. The disease is widespread and has been associated with both sporadic cases and outbreaks, especially in settings with inadequate water treatment and sanitation facilities.

### Product Info

**Amount :** 250µg  
**Purification :** Purity: ≥90%  
Preparation: This monoclonal antibody is purified by protein A chromatography or sequential differential precipitations.  
Concentration: ≥1.0 mg/ml  
**Content :** Formulation: Formulated in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.  
**Storage condition :** This purified antibody is stable when stored at 2-8°C. Do not freeze.