

Product datasheet

Anti-Cryptosporidium parvum antibody ab20787

1 References

Overview

Product name	Anti-Cryptosporidium parvum antibody
Description	Goat polyclonal to Cryptosporidium parvum
Host species	Goat
Specificity	This antibody is specific to intact Oocysts.
Tested applications	Suitable for: ICC/IF, ELISA
Species reactivity	Reacts with: Other species
Immunogen	Oocysts purified from bovine feces.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.20 Preservative: 0.1% Sodium azide Constituent: 0.0268% PBS
Purity	Protein G purified
Purification notes	>95% pure. Sodium sulfate precipitation and ion exchange chromatography.
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab20787** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent dilution.
ELISA		Use at an assay dependent dilution.

Target

Relevance

Members of the genus *Cryptosporidium* are parasites of the intestinal tracts of fishes, reptiles, birds, and mammals. It seems that members of this genus do not display a high degree of host specificity, so the number of species in this genus remains a matter of some discussion. *Cryptosporidium* isolated from humans is now referred to as *C. parvum*. *Cryptosporidium* infections have been reported from a variety of wild and domesticated animals. Cryptosporidiosis is now recognized as an important opportunistic infection, especially in immunocompromised hosts. *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 feces. 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 diarrhea; 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.

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