Product datasheet

Anti-Giardia lamblia antibody ab28344

Overview

Product name  Anti-Giardia lamblia antibody
Description  Goat polyclonal to Giardia lamblia
Host species  Goat
Specificity  Ab28344 recognises Giardia lamblia intact cysts.
Tested applications  Suitable for: ELISA, ICC/IF
Species reactivity  Reacts with: Other species
Immunogen  Tissue/ cell preparation: Purified Giardia lamblia cysts.

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer  pH: 7.20
Preservative: 0.1% Sodium azide
Constituent: 0.0268% PBS
Purification notes  Ab28344 is >95% pure. Purification was by sodium sulfate precipitation and ion exchange chromatography.
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab28344 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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**Application notes**

ELISA: Use at an assay dependent dilution.

IFA: Use at an assay dependent dilution.

Not yet tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

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**Target**

**Relevance**

Giardiasis is a diarrhoeal illness caused by a single celled microscopic protozoan parasite, *Giardia lamblia*, also known as *Giardia intestinalis*. *Giardia lamblia* exists in two forms, an active form called a trophozoite, and an inactive form called a cyst. The active trophozoite attaches to the lining of the small intestine and is responsible for causing the signs and symptoms of giardiasis. The trophozoite cannot live long outside of the body and spread of infection is via the cyst which is excreted in the host's faeces. When it is ingested, stomach acid activates the cyst, and the cyst develops into the disease causing trophozoite in the new host. Giardiasis is diagnosed by finding cysts or trophozoites in the faeces.

*Please note:* All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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