Product datasheet

Anti-Toxoplasma gondii antibody ab23507

2 References

Overview

Product name  Anti-Toxoplasma gondii antibody
Description  Goat polyclonal to Toxoplasma gondii
Host species  Goat
Specificity  Purified tachyzoites.
Tested applications  Suitable for: ICC/IF
Species reactivity  Reacts with: Toxoplasma gondii
Immunogen  Tissue/ cell preparation. RH strain of Toxoplasma gondii.

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
Purity  Proprietary Purification
Purification notes  >95% pure.
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab23507 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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<td>ICC/IF</td>
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Indirect immunofluorescence.

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

**Target**

**Relevance**

Toxoplasma is a crescent shaped sporozoan that lives as an intracellular parasite in various tissues of many vertebrates and completes its life cycle in a single host. Its life cycle includes two phases called the intestinal (or enteroepithelial) and extraintestinal phases. The intestinal phase produces oocysts and occurs only in cats, wild as well as domesticated. The extraintestinal phase occurs in all infected animals including cats, and produces tachyzoites (actively proliferating trophozoites) and eventually, bradyzoites (slowly growing trophozoites) or zoitocysts. Infection due to Toxoplasma gondii occurs in pregnant women where a variable degree of immunosuppression may exist or in patients receiving immunosuppressive drug therapy. Toxoplasma infects tissue of the GI tract where an active infection is accompanied by fever and enlargement of the spleen. Symptoms of toxoplasmosis are generally mild but severe infection of lymph nodes may occur. Congenital toxoplasmosis, in which the maternal infection is transmitted during pregnancy, can produce blindness or mental retardation in the newborn.

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