Product datasheet

Anti-Toxoplasma gondii antibody ab138698

Overview

Product name: Anti-Toxoplasma gondii antibody
Description: Rabbit polyclonal to Toxoplasma gondii
Host species: Rabbit
Specificity: Toxoplasma gondii tachyzoites.

Tested applications:
Suitable for: ELISA, ICC/IF
Reacts with: Toxoplasma gondii

Species reactivity: RH strain of Toxoplasma gondii, purified tachyzoites.
Immunogen: Concentration: 4–5 mg/mL (OD280nm, E0.1% = 1.4).

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: pH: 7.40
Preservative: 0.1% Sodium azide
Constituent: 99.9% PBS
Purity: Protein A purified
Purification notes: ab138698 is >95% pure as determined by SDS-PAGE.
Clonality: Polyclonal
Isotype: IgG

Applications

Our Abpromise guarantee covers the use of ab138698 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>Use at an assay dependent dilution.</td>
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<td>ICC/IF</td>
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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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