

Mouse Anti-Toxoplasma Gondii Polyclonal: RC0260

Intended Use: For Research Use Only

Description: 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.

Specifications

Clone: Polyclonal
Source: Mouse
Isotype: IgG1k
Reactivity: Human
Localization: Whole organisms
Formulation: Tissue culture supernatant in PBS pH7.5, containing 0.2% BSA, 15mM sodium azide (NaN3)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

| Description | Catalog No. | Size |
|--------------------------------|-------------|------|
| Toxoplasma Gondii Concentrated | RC0260 | 1 ml |

IHC Procedure

Positive Control Tissue: Infected brain tissue
Concentrated Dilution: 25-50
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual
* Result should be confirmed by an established diagnostic procedure.