**BACKGROUND**

*Toxoplasma gondii*, a single-celled parasite, causes the disease toxoplasmosis. The life cycle of *Toxoplasma gondii* includes two phases, called the intestinal (or enterop epithelial) and extraintestinal phases. The intestinal phase produces oocysts and occurs only in wild and domesticated cats. The extra-intestinal phase occurs in all infected animals and produces tachyzoites (actively proliferating trophozoites) and, eventually, bradyzoites (slowly growing trophozoites) or zoitocysts. *Toxoplasma gondii* infects tissue of the gastrointestinal tract; an active infection is accompanied by fever and enlargement of the spleen. Transmission of *Toxoplasma gondii* from pregnant women to their fetus can result in severe consequences.

**REFERENCES**


**APPLICATIONS**

*Toxoplasma gondii* (TP3) is recommended for detection of p30 membrane protein of *Toxoplasma gondii* origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500).

Molecular Weight of *Toxoplasma gondii*: 36 kDa.

**SELECT PRODUCT CITATIONS**


**STORAGE**

Store at 4°C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

**PROTOCOLS**

See our website at www.scbt.com for detailed protocols and support products.

**SOURCE**

*Toxoplasma gondii* (TP3) is a mouse monoclonal antibody raised against tachyzoites lysates of *Toxoplasma gondii*.

**PRODUCT**

Each vial contains 100 µg IgG2a in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

**RESEARCH USE**

For research use only, not for use in diagnostic procedures.