

Product datasheet

Recombinant *T. gondii* Toxoplasma gondii protein ab51321

Description

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| Product name | Recombinant <i>T. gondii</i> Toxoplasma gondii protein |
| Purity | > 95 % SDS-PAGE. |
| Expression system | Escherichia coli |
| Protein length | Protein fragment |
| Animal free | No |
| Nature | Recombinant |
| Species | Toxoplasma gondii |
| Amino acids | 234 to 306 |
| Additional sequence information | Recombinant Toxoplasma gondii MIC 3 protein |
| Description | Recombinant <i>T. gondii</i> Toxoplasma gondii protein |

Specifications

Our **Abpromise guarantee** covers the use of **ab51321** 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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| Applications | ELISA Flow Cytometry Western blot |
| Form | Liquid |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% Urea, 0.395% Tris HCl, 0.0292% EDTA, 50% Glycerol (glycerin, glycerine) |
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General Info

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.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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