

Datasheet: 9070-2020

**BATCH NUMBER 162026**

<b>Description:</b>	MOUSE ANTI TOXOPLASMA GONDII P30
<b>Specificity:</b>	TOXOPLASMA GONDII P30
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	TP3 (P30/3)
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.2 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Protozoan
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G.
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	1.0 mg/ml

<b>Immunogen</b>	Purified <i>T. gondii</i> p30 antigen
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P13664</a> <a href="#">Related reagents</a>
<b>RRID</b>	AB_619275
<b>Specificity</b>	<b>Mouse anti <i>Toxoplasma gondii</i> p30 antibody, clone TP3</b> recognizes the <i>Toxoplasma gondii</i> P30 membrane protein, found in extra and intracellular tachyzoites as well as being a component of the <a href="#">parasitophorous vacuole</a> membrane, so named due to it's similar appearance under the microscope.
<b>References</b>	1. D'angelo, J.G. <i>et al.</i> (2009) Artemisinin derivatives inhibit <i>Toxoplasma gondii</i> in vitro at multiple steps in the lytic cycle. <a href="#">J Antimicrob Chemother. 63 (1): 146-50.</a> 2. Lau, Y.L. <i>et al.</i> (2011) Immunogenic characterization of the chimeric surface antigen 1 and 2 (SAG1/2) of <i>Toxoplasma gondii</i> expressed in the yeast <i>Pichia pastoris</i> . <a href="#">Parasitol Res. 109 (3): 871-8.</a>
<b>Further Reading</b>	1. Gross U <i>et al.</i> (1992) Improved serological diagnosis of <i>Toxoplasma gondii</i> infection by detection of immunoglobulin A (IgA) and IgM antibodies against P30 by using the immunoblot technique. <a href="#">J Clin Microbiol. 30 (6): 1436-41.</a>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/9070-2020">https://www.bio-rad-antibodies.com/SDS/9070-2020</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),  
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),  
[FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)

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