

Datasheet: 9070-2020

BATCH NUMBER 161003

Description:	MOUSE ANTI TOXOPLASMA GONDII P30
Specificity:	TOXOPLASMA GONDII P30
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	TP3 (P30/3)
Isotype:	IgG2a
Quantity:	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.

	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.

Target Species	Protozoan
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	1.0 mg/ml

Immunogen	Purified <i>T. gondii</i> p30 antigen
External Database Links	UniProt: P13664 Related reagents
RRID	AB_619275
Specificity	Mouse anti <i>Toxoplasma gondii</i> p30 antibody, clone TP3 recognizes the <i>Toxoplasma gondii</i> P30 membrane protein, found in extra and intracellular tachyzoites as well as being a component of the parasitophorous vacuole membrane, so named due to it's similar appearance under the microscope.
References	<ol style="list-style-type: none"> 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. J Antimicrob Chemother. 63 (1): 146-50. 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>. Parasitol Res. 109 (3): 871-8.
Further Reading	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. J Clin Microbiol. 30 (6): 1436-41.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/9070-2020 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR76...)	RPE
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
'M363553:200528'

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