

Datasheet: 9070-2020

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

RRID AB_619275

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 (NaN₃)

Approx. Protein Concentrations 1.0 mg/ml

Immunogen Purified *T. gondii* p30 antigen

External Database Links **UniProt:**

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	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	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. 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.
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Human Anti Mouse IgG2a (HCA037...)	FITC , HRP
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®680 , DyLight®800 , FITC , HRP

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