

Datasheet: STAR79P

BATCH NUMBER 170657

Description:	GOAT ANTI HAMSTER IgG:HRP
Specificity:	IgG
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.8 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
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/1000 - 1/5000

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Hamster
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Antiserum Preparation	Antisera to hamster IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.0095% MIT 1% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.8 mg/ml
Immunogen	Hamster IgG.

Specificity	Goat anti Hamster IgG antibody recognizes Golden Syrian and Armenian hamster IgG (H+L) and has been adsorbed against both mouse and rat immunoglobulins to minimise cross-reactivity.
References	<ol style="list-style-type: none"> 1. Moore, G.T. <i>et al.</i> (2008) Glycosylation changes in hFUT1 transgenic mice increase TCR signaling and apoptosis resulting in thymocyte maturation arrest. Mol Immunol. 45: 2401-10. 2. Samant, M. <i>et al.</i> (2009) Immunization with the DNA-encoding N-terminal domain of proteophosphoglycan of <i>Leishmania donovani</i> generates Th1-type immunoprotective response against experimental visceral leishmaniasis. J Immunol. 183: 470-9. 3. Bacelo, K.L. <i>et al.</i> (2014) Xanthan gum as an adjuvant in a subunit vaccine preparation against leptospirosis. Biomed Res Int. 2014: 636491. 4. Verma R <i>et al.</i> (2015) Cross reactive molecules of human lymphatic filaria <i>Brugia malayi</i> inhibit <i>Leishmania donovani</i> infection in hamsters. Acta Trop. 152: 103-11. 5. Forster, K.M. <i>et al.</i> (2015) DNA prime-protein boost based vaccination with a conserved region of leptospiral immunoglobulin-like A and B proteins enhances protection against leptospirosis. Mem Inst Oswaldo Cruz. 110 (8): 989-95. 6. Wiśniewski, M. <i>et al.</i> (2016) Hamsters vaccinated with Ace-mep-7 DNA vaccine produced protective immunity against <i>Ancylostoma ceylanicum</i> infection. Exp Parasitol. 163: 1-7. 7. Verma, R. <i>et al.</i> (2018) <i>Leishmania donovani</i>. molecules recognized by sera of filaria infected host facilitate filarial infection. Parasitol Res. 117 (9): 2901-12. 8. Spitzova, T. <i>et al.</i> (2020) Interactions between host biogenic amines and sand fly salivary yellow-related proteins. Parasit Vectors. 13 (1): 237. 9. Fernández, L. <i>et al.</i> (2021) Protective Efficacy in a Hamster Model of a Multivalent Vaccine for Human Visceral Leishmaniasis (MuLeVaClin) Consisting of the KMP11, LEISH-F3+, and LJL143 Antigens in Virosomes, Plus GLA-SE Adjuvant. Microorganisms. 9 (11): 2253.
Storage	<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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20513 available at: https://www.bio-rad-antibodies.com/SDS/STAR79P20513
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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

'M442721:250602'

Printed on 04 Jun 2025

© 2025 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)