

## Datasheet: STAR79P

**BATCH NUMBER 158896**

<b>Description:</b>	GOAT ANTI HAMSTER IgG:HRP
<b>Specificity:</b>	IgG
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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

0.01% Thiomersal  
1% Bovine Serum Albumin

#### Approx. Protein Concentrations

IgG concentration 0.8 mg/ml

#### Immunogen

Hamster IgG.

RRID AB\_321907

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**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.

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**References**

1. Samant, M. *et al.* (2009) Immunization with the DNA-encoding N-terminal domain of proteophosphoglycan of *Leishmania donovani* generates Th1-type immunoprotective response against experimental visceral leishmaniasis. [J Immunol. 183: 470-9.](#)
2. Moore, G.T. *et al.* (2008) Glycosylation changes in hFUT1 transgenic mice increase TCR signaling and apoptosis resulting in thymocyte maturation arrest. [Mol Immunol. 45: 2401-10.](#)
3. Forster, K.M. *et al.* (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.](#)
4. Verma R *et al.* (2015) Cross reactive molecules of human lymphatic filaria *Brugia malayi* inhibit *Leishmania donovani* infection in hamsters. [Acta Trop. 152: 103-11.](#)
5. Wiśniewski, M. *et al.* (2016) Hamsters vaccinated with Ace-mep-7 DNA vaccine produced protective immunity against *Ancylostoma ceylanicum* infection. [Exp Parasitol. 163: 1-7.](#)
6. Bacelo, K.L. *et al.* (2014) Xanthan gum as an adjuvant in a subunit vaccine preparation against leptospirosis. [Biomed Res Int. 2014: 636491.](#)
7. Verma, R. *et al.* (2018) *Leishmania donovani*. molecules recognized by sera of filaria infected host facilitate filarial infection. [Parasitol Res. 117 \(9\): 2901-12.](#)
8. Spitzova, T. *et al.* (2020) Interactions between host biogenic amines and sand fly salivary yellow-related proteins. [Parasit Vectors. 13 \(1\): 237.](#)

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**Storage** 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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10095 available at: <https://www.bio-rad-antibodies.com/SDS/STAR79P10095>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Useful Reagents

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

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

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

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[TMB CORE+ \(BUF062A\)](#)  
[TMB SIGNAL+ \(BUF054A\)](#)

**North & South America** Tel: +1 800 265 7376  
Fax: +1 919 878 3751  
Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto:antibody_sales_uk@bio-rad.com)

**Europe** Tel: +49 (0) 89 8090 95 21  
Fax: +49 (0) 89 8090 95 50  
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