

## Datasheet: STAR79P

<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.

<b>Target Species</b>	Hamster
<b>Product Form</b>	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.

<b>Buffer Solution</b>	Phosphate buffered saline
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<b>Preservative</b>	0.01% Thiomersal
<b>Stabilisers</b>	1% Bovine Serum Albumin

<b>Approx. Protein Concentrations</b>	IgG concentration 0.8 mg/ml
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<b>Immunogen</b>	Hamster IgG.
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**Specificity** **Goat anti Hamster IgG antibody** recognizes hamster IgG (H+L) and has been adsorbed against both mouse and rat immunoglobulins to minimise cross-reactivity.

**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.](https://doi.org/10.1111/j.1365-3113.2009.04709.x)

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.](#)

<b>Storage</b>	Store at +4°C or at -20°C if preferred.  This product should be stored undiluted.  Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Shelf Life</b>	18 months from date of despatch.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10095 available at: 10095: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf</a>
<b>Regulatory</b>	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+ \(BUF054A\)](#)

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