

Datasheet: STAR79P

BATCH NUMBER 163106

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

0.01% Thiomersal
1% Bovine Serum Albumin

Approx. Protein Concentrations

IgG concentration 0.8 mg/ml

Immunogen

Hamster IgG.

RRID AB_321907

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

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.](#)

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.

Guarantee 12 months from date of despatch

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

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+ \(BUF054A\)](#)

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