

## Datasheet: STAR79F

<b>Description:</b>	GOAT ANTI HAMSTER IgG:FITC
<b>Specificity:</b>	IgG
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.7 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
Flow Cytometry	▪			1/50
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	

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 Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid						
<b>Max Ex/Em</b>	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	FITC	490	525
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FITC	490	525					

**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
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.7 mg/ml

<b>Immunogen</b>	Hamster IgG.
<b>RRID</b>	AB_321906
<b>Specificity</b>	<b>Goat anti Hamster IgG antibody</b> recognizes Golden Syrian and Armenian hamster IgG (H+L) and has been adsorbed against both mouse and rat immunoglobulins to minimise cross-reactivity.
<b>Flow Cytometry</b>	Use 50ul of the suggested working dilution to label $1 \times 10^6$ cells in 100ul.
<b>References</b>	<ol style="list-style-type: none"> <li>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. <a href="#">Mol Immunol. 45: 2401-10.</a></li> <li>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. <a href="#">J Immunol. 183: 470-9.</a></li> <li>3. Bacelo, K.L. <i>et al.</i> (2014) Xanthan gum as an adjuvant in a subunit vaccine preparation against leptospirosis. <a href="#">Biomed Res Int. 2014: 636491.</a></li> <li>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. <a href="#">Acta Trop. 152: 103-11.</a></li> <li>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. <a href="#">Mem Inst Oswaldo Cruz. 110 (8): 989-95.</a></li> <li>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. <a href="#">Exp Parasitol. 163: 1-7.</a></li> <li>7. Verma, R. <i>et al.</i> (2018) <i>Leishmania donovani</i>. molecules recognized by sera of filaria infected host facilitate filarial infection. <a href="#">Parasitol Res. 117 (9): 2901-12.</a></li> <li>8. Spitzova, T. <i>et al.</i> (2020) Interactions between host biogenic amines and sand fly salivary yellow-related proteins. <a href="#">Parasit Vectors. 13 (1): 237.</a></li> <li>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. <a href="#">Microorganisms. 9 (11): 2253.</a></li> </ol>
<b>Storage</b>	<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. This product is photosensitive and should be protected from light.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR79F10041">https://www.bio-rad-antibodies.com/SDS/STAR79F10041</a>

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**Regulatory**For research purposes only

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