

Datasheet: STAR79F

BATCH NUMBER 162263

Description:	GOAT ANTI HAMSTER IgG:FITC
Specificity:	IgG
Format:	FITC
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Hamster		
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	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.

Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 0.7 mg/ml
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Immunogen	Hamster IgG.
RRID	AB_321906
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.
Flow Cytometry	Use 50ul of the suggested working dilution to label 1×10^6 cells in 100ul.
References	1. 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. 2. 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. 3. 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. 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. 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. 6. 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. 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.
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. This product is photosensitive and should be protected from light.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10041 available at: https://www.bio-rad-antibodies.com/SDS/STAR79F10041
Regulatory	For research purposes only

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

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Printed on 20 Mar 2024

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