

# Datasheet: STAR90F

**BATCH NUMBER 161867**

<b>Description:</b>	GOAT ANTI HUMAN IgG/A/M:FITC
<b>Specificity:</b>	IgG IgA IgM
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	2 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	▪			0.1 ug/ml - 0.5 ug/ml
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			0.04 ug/ml - 0.2 ug/ml

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	Human		
Species Cross Reactivity	Does not react with:Mouse		
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - lyophilized		
Reconstitution	Reconstitute with 1.0 ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525

**Antiserum Preparation** Antisera to human Ig were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.01% Sodium Azide 1% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 2.0 mg/ml after reconstitution
<b>Immunogen</b>	Human IgG, IgA and IgM whole molecules
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01859</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01860</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01857</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01861</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01876</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01877</a>   <a href="#">Related reagents</a></p> <p><a href="#">P01871</a>   <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">3501</a>   IGHG2   <a href="#">Related reagents</a></p> <p><a href="#">3502</a>   IGHG3   <a href="#">Related reagents</a></p> <p><a href="#">3493</a>   IGHA1   <a href="#">Related reagents</a></p> <p><a href="#">3494</a>   IGHA2   <a href="#">Related reagents</a></p> <p><a href="#">3500</a>   IGHG1   <a href="#">Related reagents</a></p> <p><a href="#">3503</a>   IGHG4   <a href="#">Related reagents</a></p> <p><a href="#">3507</a>   IGHM   <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_567009
<b>Specificity</b>	<b>Goat anti Human IgG/A/M antibody</b> recognizes human Ig, binding to all major classes (IgG, IgA, IgM).
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul.
<b>References</b>	<p>1. Lierz, M. <i>et al.</i> (2008) Avian Mycoplasma lipofaciens transmission to veterinarian. <a href="#">Emerg Infect Dis. 14: 1161-3.</a></p> <p>2. Vidyarthi, A. <i>et al.</i> (2017) Antibody response against PhoP efficiently discriminates among healthy individuals, tuberculosis patients and their contacts. <a href="#">PLoS One. 12 (3): e0173769.</a></p> <p>3. Jaki, T. <i>et al.</i> (2016) A false sense of security? Can tiered approach be trusted to accurately classify immunogenicity samples? <a href="#">J Pharm Biomed Anal. 128: 166-73.</a></p>
<b>Storage</b>	This product is shipped at ambient temperature. Prior to reconstitution store at +4°C. After reconstitution it is recommended to 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.

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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10224 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR90F10224">https://www.bio-rad-antibodies.com/SDS/STAR90F10224</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Useful Reagents

[HUMAN SEROBLOCK \(BUF070A\)](#)

[HUMAN SEROBLOCK \(BUF070B\)](#)

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M391316:211008'

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