

## Datasheet: STAR90F

<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.

<b>Target Species</b>	Human		
<b>Species Cross Reactivity</b>	Does not react with:Mouse		
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - lyophilized		
<b>Reconstitution</b>	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.		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	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>	<ol style="list-style-type: none"> <li>Lierz, M. <i>et al.</i> (2008) Avian Mycoplasma lipofaciens transmission to veterinarian. <a href="#">Emerg Infect Dis. 14: 1161-3.</a></li> <li>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></li> <li>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></li> </ol>
<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.

---

<b>Guarantee</b>	12 months from date of despatch
------------------	---------------------------------

---

<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10224 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR90F">https://www.bio-rad-antibodies.com/SDS/STAR90F</a> 10224
--------------------------------------	--

---

<b>Regulatory</b>	For research purposes only
-------------------	----------------------------

---

## Related Products

### Recommended Useful Reagents

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

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

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

'M421366:230706'

**Printed on 13 Aug 2023**

---

© 2023 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)