

## Datasheet: STAR87F

<b>Description:</b>	GOAT ANTI MOUSE IgG/A/M:FITC (HUMAN ADSORBED)
<b>Specificity:</b>	IgG IgA IgM
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1.8 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/100 - 1/500
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>	Mouse						
<b>Product Form</b>	Purified IgG - 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 mouse Ig 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 Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.8 mg/ml
<b>Immunogen</b>	Mouse IgG purified from normal mouse serum, mouse IgA and IgM purified from ascitic fluid.

### External Database Links

#### UniProt:

- [P01867](#) [Related reagents](#)
- [P01865](#) [Related reagents](#)

[P01864](#) [Related reagents](#)  
[P01863](#) [Related reagents](#)  
[P01869](#) [Related reagents](#)  
[P01868](#) [Related reagents](#)  
[P03987](#) [Related reagents](#)  
[P01872](#) [Related reagents](#)  
[P01873](#) [Related reagents](#)  
[P01878](#) [Related reagents](#)

**Entrez Gene:**

[16016](#) Ighg2b [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[16019](#) Ighm [Related reagents](#)  
[16019](#) Ighm [Related reagents](#)  
[16061](#) Igh-VJ558 [Related reagents](#)  
[380795](#) AI324046 [Related reagents](#)

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**Synonyms** Igh-4

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**Specificity** **Goat anti Mouse IgG/A/M (Human Adsorbed) antibody** recognizes all subclasses of murine immunoglobulin and has been adsorbed against human, bovine and hamster immunoglobulins.

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**Flow Cytometry** Use 10ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul.

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**References**

1. Bergmeier, L.A. *et al.* (2005) Mucosal alloimmunization elicits T-cell proliferation, CC chemokines, CCR5 antibodies and inhibition of simian immunodeficiency virus infectivity. [J Gen Virol. 86: 2231-8.](#)
2. Peters, B. *et al.* (2004) Effect of heterosexual intercourse on mucosal alloimmunisation and resistance to HIV-1 infection. [Lancet. 363: 518-24.](#)
3. Bartlomiejczyk, M.A. *et al.* (2014) Interaction of lectin pathway of complement-activating pattern recognition molecules with mycobacteria. [Clin Exp Immunol. 178 \(2\): 310-9.](#)

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**Storage** Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. This product is photosensitive and should be protected from light.

Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation available at:  
Material Safety Datasheet Documentation #10041 available at:  
<https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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**Regulatory**For research purposes only

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**Printed on 13 Apr 2018**

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