

Datasheet: STAR90F

Description:	GOAT ANTI HUMAN IgG/A/M:FITC
Specificity:	IgG IgA IgM
Format:	FITC
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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) - lyophilised								
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	<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		
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.								
Buffer Solution	Phosphate buffered saline								
Preservative	0.01% Sodium Azide								
Stabilisers	1% Bovine Serum Albumin								

Approx. Protein Concentrations	IgG concentration 2.0 mg/ml after reconstitution
Immunogen	Human IgG, IgA and IgM whole molecules
External Database Links	<p>UniProt:</p> <p>P01859 Related reagents</p> <p>P01860 Related reagents</p> <p>P01857 Related reagents</p> <p>P01861 Related reagents</p> <p>P01876 Related reagents</p> <p>P01877 Related reagents</p> <p>P01871 Related reagents</p> <p>Entrez Gene:</p> <p>3501 IGHG2 Related reagents</p> <p>3502 IGHG3 Related reagents</p> <p>3493 IGHA1 Related reagents</p> <p>3494 IGHA2 Related reagents</p> <p>3500 IGHG1 Related reagents</p> <p>3503 IGHG4 Related reagents</p> <p>3507 IGHM Related reagents</p>
Specificity	Goat anti Human IgG/A/M antibody recognizes human Ig, binding to all major classes (IgG, IgA, IgM).
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul.
References	<ol style="list-style-type: none"> Lierz, M. <i>et al.</i> (2008) Avian Mycoplasma lipofaciens transmission to veterinarian. Emerg Infect Dis. 14: 1161-3. Vidyarthi, A. <i>et al.</i> (2017) Antibody response against PhoP efficiently discriminates among healthy individuals, tuberculosis patients and their contacts. PLoS One. 12 (3): e0173769. Jaki, T. <i>et al.</i> (2016) A false sense of security? Can tiered approach be trusted to accurately classify immunogenicity samples? J Pharm Biomed Anal. 128: 166-73.
Storage	<p>Prior to reconstitution store at +4°C. Following reconstitution store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Shelf Life	12 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation #10338 available at: 10338: https://www.bio-rad-antibodies.com/uploads/MSDS/10338.pdf

Related Products

Recommended Useful Reagents

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

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

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: 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

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

'M314478:180412'

Printed on 01 May 2018
