Datasheet: STAR90F

BATCH NUMBER 167498

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) - 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.

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.01% Sodium Azide 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	**UniProt:** P01859 Related reagents P01860 Related reagents P01857 Related reagents P01861 Related reagents P01876 Related reagents P01877 Related reagents P01871 Related reagents **Entrez Gene:** 3501 IGHG2 Related reagents 3502 IGHG3 Related reagents 3493 IGHA1 Related reagents 3494 IGHA2 Related reagents 3500 IGHG1 Related reagents 3503 IGHG4 Related reagents 3507 IGHM Related reagents
RRID	AB_567009
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	1. Lierz, M. *et al.* (2008) Avian Mycoplasma lipofaciens transmission to veterinarian. Emerg Infect Dis. 14: 1161-3. 2. Vidyarthi, A. *et al.* (2017) Antibody response against PhoP efficiently discriminates among healthy individuals, tuberculosis patients and their contacts. PLoS One. 12 (3): e0173769. 3. Jaki, T. *et al.* (2016) A false sense of security? Can tiered approach be trusted to accurately classify immunogenicity samples? J Pharm Biomed Anal. 128: 166-73.
Storage	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.
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10224 available at: https://www.bio-rad-antibodies.com/SDS/STAR90F 10224
Regulatory	For research purposes only

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

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