

Datasheet: STAR90F

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| 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.

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| 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 | <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> |
| 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 | <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 | 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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| Guarantee | 12 months from date of despatch |
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| Health And Safety Information | Material Safety Datasheet documentation #10224 available at: https://www.bio-rad-antibodies.com/SDS/STAR90F 10224 |
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|-------------------|----------------------------|
| Regulatory | For research purposes only |
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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

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

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)

'M428768:240301'

Printed on 29 Aug 2024

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