

## Datasheet: STAR112F

**BATCH NUMBER 157248**

|                      |                         |
|----------------------|-------------------------|
| <b>Description:</b>  | GOAT ANTI RAT IgG1:FITC |
| <b>Specificity:</b>  | IgG1                    |
| <b>Format:</b>       | FITC                    |
| <b>Product Type:</b> | Polyclonal Antibody     |
| <b>Isotype:</b>      | Polyclonal IgG          |
| <b>Quantity:</b>     | 0.5 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             | ▪   |    |                | 1/400              |
| 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> | Rat  |                            |                          |
| <b>Product Form</b>   | Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid |                            |                          |
| <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 rat IgG1 were raised by repeated immunisations 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</b>    | 0.09% Sodium Azide        |
| <b>Stabilisers</b>     | 0.2% Bovine Serum Albumin |

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml |
|---------------------------------------|-----------------------------|

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**External Database****Links****UniProt:**

[P20759](#)    [Related reagents](#)

**Entrez Gene:**

[299354](#) Ighg    [Related reagents](#)

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**RRID**

AB\_324556

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**Specificity**

**Goat anti Rat IgG1** has been shown to react with rat IgG1 by immunoelectrophoresis and ELISA. Goat anti Rat IgG1 may cross react with IgG1 from other species.

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**Flow Cytometry**

Use 50ul of the suggested working dilution to label  $1 \times 10^6$  cells in 100ul.

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**Storage**

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10041 available at:  
<https://www.bio-rad-antibodies.com/SDS/STAR112F>  
10041

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**Regulatory**

For research purposes only

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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)

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