

## Datasheet: STAR115F

|                      |                          |
|----------------------|--------------------------|
| <b>Description:</b>  | GOAT ANTI RAT IgG2c:FITC |
| <b>Specificity:</b>  | IgG2c                    |
| <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 |

**Antiserum Preparation** Antisera to rat IgG2c 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 |
|---------------------------------------|-----------------------------|

|                                |  |
|--------------------------------|--|
| <b>External Database Links</b> | <b>UniProt:</b><br><a href="#">P20762</a> <a href="#">Related reagents</a>               |
|                                | <b>Entrez Gene:</b><br><a href="#">362795</a> LOC362795 <a href="#">Related reagents</a> |

|                    |   |
|--------------------|---|
| <b>Specificity</b> | <b>Goat anti Rat IgG2c antibody</b> recognizes rat IgG2c as assessed by immunoelectrophoresis and |
|--------------------|---|

ELISA.

Goat anti Rat IgG2c antibody may cross react with IgG2c 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 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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