

# Datasheet: STAR16D800GA

**BATCH NUMBER 168444**

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| <b>Description:</b>  | RABBIT F(ab') <sub>2</sub> ANTI RAT IgG:DyLight®800 |
| <b>Specificity:</b>  | IgG                                                 |
| <b>Format:</b>       | DyLight®800                                         |
| <b>Product Type:</b> | Polyclonal Antibody                                 |
| <b>Isotype:</b>      | Polyclonal IgG                                      |
| <b>Quantity:</b>     | 0.1 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     | ▪   |    |                |                    |
| Western Blotting   | ▪   |    |                | 1/10000 - 1/50000  |
| Immunofluorescence | ▪   |    |                |                    |

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 DyLight®800 - liquid |                            |                          |
| <b>Max Ex/Em</b>      | <b>Fluorophore</b>                              | <b>Excitation Max (nm)</b> | <b>Emission Max (nm)</b> |
|                       | Dylight®800                                     | 777                        | 794                      |

**Antiserum Preparation** Antisera to rat IgG were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography

|                                       |                             |
|---------------------------------------|-----------------------------|
| <b>Buffer Solution</b>                | Phosphate buffered saline   |
| <b>Preservative Stabilisers</b>       | 0.09% Sodium Azide          |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml |

**Immunogen** Purified polyclonal rat IgG.

**External Database**

**Links**

**UniProt:**

|                        |                                  |
|------------------------|----------------------------------|
| <a href="#">P20759</a> | <a href="#">Related reagents</a> |
| <a href="#">P20762</a> | <a href="#">Related reagents</a> |
| <a href="#">P20761</a> | <a href="#">Related reagents</a> |
| <a href="#">P20760</a> | <a href="#">Related reagents</a> |

**Entrez Gene:**

|                        |           |                                  |
|------------------------|-----------|----------------------------------|
| <a href="#">299354</a> | Ighg      | <a href="#">Related reagents</a> |
| <a href="#">362795</a> | LOC362795 | <a href="#">Related reagents</a> |
| <a href="#">679045</a> | LOC679045 | <a href="#">Related reagents</a> |

**RRID** AB\_10842665

**Specificity** **Rabbit F(ab')<sub>2</sub> anti Rat IgG antibody** recognizes rat IgG, detecting all subclasses in immunodiffusion assays.

**Flow Cytometry** Use 50ul of the suggested working dilution to label 1x10<sup>6</sup> cells in 100ul

**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, 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

**Acknowledgements** DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/STAR16D800GA>  
10040

**Regulatory** For research purposes only

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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)

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