

## Datasheet: STAR16D488GA

**BATCH NUMBER 162307**

<b>Description:</b>	RABBIT F(ab') <sub>2</sub> ANTI RAT IgG:DyLight®488
<b>Specificity:</b>	IgG
<b>Format:</b>	DyLight®488
<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	▪			1/5 - 1/400
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®488 - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	DyLight®488	493	518

**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.

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**External Database**

**Links**

**UniProt:**

[P20759](#) [Related reagents](#)  
[P20762](#) [Related reagents](#)  
[P20761](#) [Related reagents](#)  
[P20760](#) [Related reagents](#)

**Entrez Gene:**

[299354](#) Ighg [Related reagents](#)  
[362795](#) LOC362795 [Related reagents](#)  
[679045](#) LOC679045 [Related reagents](#)

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**RRID** AB\_10846819

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

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

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**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.

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**Guarantee** 12 months from date of despatch

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

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
<https://www.bio-rad-antibodies.com/SDS/STAR16D488GA>  
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**Regulatory** For research purposes only

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

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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