

## Datasheet: STAR74D650

**BATCH NUMBER 152516**

<b>Description:</b>	GOAT ANTI MOUSE IgG:DyLight®650 (RAT ADSORBED)
<b>Specificity:</b>	IgG (RAT ADSORBED)
<b>Format:</b>	DyLight®650
<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	▪			1/100 - 1/200
Immunofluorescence	▪			1/100 - 1/200

Where this product 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 product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Mouse						
<b>Product Form</b>	Purified IgG conjugated to DyLight®650 - liquid						
<b>Max Ex/Em</b>	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>DyLight®650</td> <td>654</td> <td>673</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	DyLight®650	654	673
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DyLight®650	654	673					

**Antiserum Preparation** Antisera to mouse IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG prepared by affinity chromatography

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

**Immunogen** Mouse IgG.

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**External Database Links**

**UniProt:**

[P01869](#) [Related reagents](#)  
[P03987](#) [Related reagents](#)  
[P01867](#) [Related reagents](#)  
[P01864](#) [Related reagents](#)  
[P01868](#) [Related reagents](#)  
[P01863](#) [Related reagents](#)

**Entrez Gene:**

[16017](#) Ighg1 [Related reagents](#)  
[380795](#) AI324046 [Related reagents](#)  
[16016](#) Ighg2b [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
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**Synonyms** Igh-4

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**Specificity** **Goat anti Mouse IgG (Rat Adsorbed) antibody** recognizes mouse IgG. Cross-reactivity with rat IgG has been minimised by adsorption.

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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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**References** 1. Jarrett, B.R. *et al.* (2010) *In vivo* mapping of vascular inflammation using multimodal imaging. [PLoS One. 5\(10\). pii: e13254.](#)

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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.

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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/STAR74D650>  
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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](http://bio-rad-antibodies.com/datasheets)

**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)

'M387827:210726'

**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)

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