

Datasheet: STAR74D488GA

Description:	GOAT ANTI MOUSE IgG:DyLight®488 (RAT ADSORBED)
Specificity:	IgG (RAT ADSORBED)
Format:	DyLight®488
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/100 - 1/200
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

Target Species	Mouse						
Product Form	Purified IgG conjugated to DyLight®488 - liquid						
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>Dylight®488</td> <td>493</td> <td>518</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	Dylight®488	493	518
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
Dylight®488	493	518					

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

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Mouse IgG.

**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
380793	Igh-1a	Related reagents

Synonyms	Igh-4
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RRID	AB_10845281
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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 1×10^6 cells in 100ul
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References	1. Jarrett, B.R. <i>et al.</i> (2010) <i>In vivo</i> mapping of vascular inflammation using multimodal imaging. PLoS One. 5(10). pii: e13254.
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Storage	<p>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.</p> <p>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.</p>
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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: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
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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

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