

Datasheet: STAR74D405GA

Description:	GOAT ANTI MOUSE IgG:DyLight®405 (RAT ADSORBED)
Specificity:	IgG (RAT ADSORBED)
Format:	DyLight®405
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	▪			1/25 - 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®405 - 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®405</td> <td>400</td> <td>420</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	Dylight®405	400	420
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
Dylight®405	400	420					
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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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 1x10 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	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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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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