

Datasheet: STAR74D800GA

BATCH NUMBER 171244

Description:	GOAT ANTI MOUSE IgG:DyLight®800 (RAT ADSORBED)
Specificity:	IgG (RAT ADSORBED)
Format:	DyLight®800
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	▪			
Western Blotting	▪			1/5000 - 1/20000
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®800 - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
DyLight®800	777	794

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

RRID AB_10846934

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

Flow Cytometry Use 50ul of the suggested working dilution to label 1×10^6 cells in 100ul

References

- Jarrett, B.R. *et al.* (2010) *In vivo* mapping of vascular inflammation using multimodal imaging. [PLoS One. 5\(10\). pii: e13254.](#)
- Richard, J.A. *et al.* (2024) DNA methylation shapes the Polycomb landscape during the exit from naive pluripotency. [Nat Struct Mol Biol. Oct 24 \[Epub ahead of print\].](#)

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/STAR74D800GA>

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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