

Datasheet: STAR71D800GA

BATCH NUMBER 172820

Description:	GOAT ANTI RAT IgG:DyLight®800 (MOUSE ADSORBED)
Specificity:	IgG (MOUSE 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	▪			1/10000 - 1/50000
Immunofluorescence	▪			

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls

Target Species	Rat		
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 rat 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 Rat IgG.

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](#)

RRID

AB_10852249

Specificity

Goat anti Rat IgG (mouse adsorbed) antibody recognizes rat IgG. Cross-reactivity with mouse IgG has been minimized by adsorption.

Flow Cytometry

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

References

1. Tamayo, J. *et al.* (2001) Chemical sensors and biosensors in liquid environment based on microcantilevers with amplified quality factor. [Ultramicroscopy. 86: 167-73.](#)
 2. Pérez-Bosque A *et al.* (2004) Dietary plasma protein affects the immune response of weaned rats challenged with *S. aureus* Superantigen B. [J Nutr. 134: 2667-72.](#)
 3. Balan, P. *et al.* (2010) Immunomodulatory effects of ovine serum immunoglobulin in the growing rat. [Animal. 4: 1702-8.](#)
 4. Yang, X. *et al.* (2010) The role of the JAK2-STAT3 pathway in pro-inflammatory responses of EMF-stimulated N9 microglial cells. [J Neuroinflammation. 7: 54.](#)
 5. Tulinská, J. *et al.* (2018) Humoral and cellular immune response in Wistar Han RCC rats fed two genetically modified maize MON810 varieties for 90 days (EU 7th Framework Programme project GRACE). [Arch Toxicol. 92 \(7\): 2385-99.](#)
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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.

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/STAR71D800GA>

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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