

Datasheet: STAR71D800GA

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		

Entrez Gene:

[299354](#) Ighg [Related reagents](#)
[362795](#) LOC362795 [Related reagents](#)
[679045](#) LOC679045 [Related reagents](#)

Specificity	Goat anti Rat IgG (Mouse Adsorbed) antibody recognizes rat IgG. Cross-reactivity with mouse IgG has been minimised by adsorption.
Flow Cytometry	Use 50ul of the suggested working dilution to label 1x10 ⁶ cells in 100ul
References	1. Yang, X. <i>et al.</i> (2010) The role of the JAK2-STAT3 pathway in pro-inflammatory responses of EMF-stimulated N9 microglial cells. J Neuroinflammation. 7: 54. 2. Tamayo, J. <i>et al.</i> (2001) Chemical sensors and biosensors in liquid environment based on microcantilevers with amplified quality factor. Ultramicroscopy. 86: 167-73. 3. Pérez-Bosque A <i>et al.</i> (2004) Dietary plasma protein affects the immune response of weaned rats challenged with <i>S. aureus</i> Superantigen B. J Nutr. 134: 2667-72. 4. Balan, P. <i>et al.</i> (2010) Immunomodulatory effects of ovine serum immunoglobulin in the growing rat. Animal. 4: 1702-8.
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
Shelf Life	18 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: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

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