

Datasheet: STAR71D649GA

Description:	GOAT ANTI RAT IgG:DyLight®649 (MOUSE ADSORBED)
Specificity:	IgG (MOUSE ADSORBED)
Format:	DyLight®649
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 - 1/500
Immunofluorescence	▪			1/100 - 1/500

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®649 - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	Dylight®649	654	673

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_10843424
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	<ol style="list-style-type: none">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	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
Guarantee	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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