

Datasheet: STAR3030F

Description:	GOAT ANTI RAT IgG:FITC
Specificity:	IgG
Format:	FITC
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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	▪			
FLISA	▪			1/100 - 1/400

Where this product 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 product for use in their own system using appropriate negative/positive controls.

Target Species	Rat		
Product Form	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by affinity chromatography on pooled rat IgG linked to agarose		
Buffer Solution	Phosphate buffered saline		
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)		
Approx. Protein Concentrations	1.0 mg/ml		
Immunogen	Normal rat IgG		

Specificity	<p>Goat anti Rat IgG antibody is specific for the gamma chain of rat IgG. It may also react with IgG from other species.</p> <p>Goat anti Rat IgG antibody has been cross-adsorbed against rat IgM to minimize cross-reactivity.</p>
References	<ol style="list-style-type: none"> 1. Nudy, M. <i>et al.</i> (2022) Association between coronary artery vitamin D receptor expression and select systemic risks factors for coronary artery atherosclerosis. Climacteric. 25 (4): 369-75. 2. Siqueira, .R.F. & Fernandes, R.L. (2018) Cryopreservation of lymphocytes for immunological studies in horses Pesquisa Veterinária Brasileira. 38 (11): 2019-22. 3. Papadopoulos, G.A. <i>et al.</i> (2022) Effects of a tributyrin and monolaurin blend compared to high ZnO levels on growth performance, faecal microbial counts, intestinal histomorphometry and immunohistochemistry in weaned piglets: A field study in two pig herds. Res Vet Sci. 144: 54-65.
Storage	<p>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.</p> <p>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.</p>
Guarantee	Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/STAR3030F10040</p>
Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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