

Datasheet: STAR71

BATCH NUMBER 165967

Description:	GOAT ANTI RAT IgG (MOUSE ADSORBED)
Specificity:	IgG (MOUSE ADSORBED)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 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	▪			5ug/ml
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Immunoprecipitation			▪	1ug/ml - 5ug/ml
Western Blotting			▪	

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 - liquid
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 0.5 mg/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_321932

Specificity

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

References

1. 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.](#)
 2. Tamayo, J. *et al.* (2001) Chemical sensors and biosensors in liquid environment based on microcantilevers with amplified quality factor. [Ultramicroscopy. 86: 167-73.](#)
 3. 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.](#)
 4. Balan, P. *et al.* (2010) Immunomodulatory effects of ovine serum immunoglobulin in the growing rat. [Animal. 4: 1702-8.](#)
 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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/STAR7110040>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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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