

Datasheet: STAR71

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](#)

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.](#)

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. 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.

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

Related Products

Recommended Secondary Antibodies

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

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