

Datasheet: STAR131B

BATCH NUMBER 160667

Description:	GOAT ANTI RAT IgG:Biotin (MOUSE ADSORBED)
Specificity:	IgG
Format:	Biotin
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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA	▪			1/5000 - 1/20000
Western Blotting	▪			
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 Biotin - liquid
Antiserum Preparation	Antisera to rat IgG were raised by repeated immunisation of goats with purified antigen. Purified IgG prepared by affinity chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Rat IgG

**External Database
Links**

UniProt:

[P20761](#) [Related reagents](#)
[P20762](#) [Related reagents](#)
[P20760](#) [Related reagents](#)
[P20759](#) [Related reagents](#)

Entrez Gene:

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

RRID AB_11152774

Specificity **Goat anti Rat IgG antibody** recognizes rat IgG. This antibody has been cross absorbed against pooled mouse sera and pooled mouse plasmacytoma/hybridoma proteins.

References

1. Monticone, S. *et al.* (2015) Immunohistochemical, genetic and clinical characterization of sporadic aldosterone-producing adenomas. [Mol Cell Endocrinol. pii: S0303-7207\(15\)00223-3.](#)
2. Schley, G. *et al.* (2018) Multiparametric magnetic resonance imaging of experimental chronic kidney disease: A quantitative correlation study with histology. [PLoS One. 13 \(7\): e0200259.](#)
3. El Amki, M. *et al.* (2018) Improved Reperfusion and Vasculoprotection by the Poly(ADP-Ribose)Polymerase Inhibitor PJ34 After Stroke and Thrombolysis in Mice. [Mol Neurobiol. 55 \(12\): 9156-9168.](#)
4. Gawish, R. *et al.* (2022) A neutrophil-B-cell axis impacts tissue damage control in a mouse model of intraabdominal bacterial infection via Cxcr4. [Elife. 11:e78291.](#)

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/STAR131B>
10040

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
'M387530:210629'

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