

## Datasheet: STAR131A

<b>Description:</b>	GOAT ANTI RAT IgG:Alk. Phos. (MOUSE ADSORBED)
<b>Specificity:</b>	IgG
<b>Format:</b>	Alk. Phos.
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA	▪			1/2000 - 1/4000
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.

<b>Target Species</b>	Rat
<b>Product Form</b>	Purified IgG conjugated to Alkaline Phosphatase - liquid
<b>Antiserum Preparation</b>	Antisera to rat IgG were raised by repeated immunisation of goats with purified antigen. Purified IgG prepared by affinity chromatography
<b>Buffer Solution</b>	TRIS buffered saline, 1mM MgCl <sub>2</sub>
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> ) 50% Glycerol
<b>Immunogen</b>	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](#)

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**RRID**                      AB\_1102642

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**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.

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**References**            1. Monticone, S. *et al.* (2015) Immunohistochemical, genetic and clinical characterization of sporadic aldosterone-producing adenomas. [Mol Cell Endocrinol. 411: 146-54.](#)  
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.](#)  
5. Nudy, M. *et al.* (2022) Association between coronary artery vitamin D receptor expression and select systemic risks factors for coronary artery atherosclerosis. [Climacteric. 25 \(4\): 369-75.](#)  
6. Bianchi, A. *et al.* (2021) Moderate Exercise Inhibits Age-Related Inflammation, Liver Steatosis, Senescence, and Tumorigenesis. [J Immunol. 206 \(4\): 904-16.](#)

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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.

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**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.

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**Health And Safety Information**    Material Safety Datasheet documentation #10322 available at: <https://www.bio-rad-antibodies.com/SDS/STAR131A>  
10322

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**Regulatory**            For research purposes only

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**North & South**    Tel: +1 800 265 7376

**America**            Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto: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](https://bio-rad-antibodies.com/datasheets)  
'M428677:240301'

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