

## Datasheet: STAR131A

**BATCH NUMBER 171613**

<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.

**Target Species** Rat

**Product Form** Purified IgG conjugated to Alkaline Phosphatase - 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** TRIS buffered saline, 1mM MgCl<sub>2</sub>

**Preservative** <0.1% Sodium Azide (NaN<sub>3</sub>)  
**Stabilisers** 50% Glycerol

**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](#)

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<b>RRID</b>	AB_1102642
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<b>Specificity</b>	<b>Goat anti Rat IgG antibody</b> recognizes rat IgG. This antibody has been cross absorbed against pooled mouse sera and pooled mouse plasmacytoma/hybridoma proteins.
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<b>References</b>	<ol style="list-style-type: none"><li>1. Monticone, S. <i>et al.</i> (2015) Immunohistochemical, genetic and clinical characterization of sporadic aldosterone-producing adenomas. <a href="#">Mol Cell Endocrinol. 411: 146-54.</a></li><li>2. Schley, G. <i>et al.</i> (2018) Multiparametric magnetic resonance imaging of experimental chronic kidney disease: A quantitative correlation study with histology. <a href="#">PLoS One. 13 (7): e0200259.</a></li><li>3. El Amki, M. <i>et al.</i> (2018) Improved Reperfusion and Vasculoprotection by the Poly(ADP-Ribose)Polymerase Inhibitor PJ34 After Stroke and Thrombolysis in Mice. <a href="#">Mol Neurobiol. 55 (12): 9156-9168.</a></li><li>4. Gawish, R. <i>et al.</i> (2022) A neutrophil-B-cell axis impacts tissue damage control in a mouse model of intraabdominal bacterial infection via Cxcr4. <a href="#">Elife. 11:e78291.</a></li><li>5. Nudy, M. <i>et al.</i> (2022) Association between coronary artery vitamin D receptor expression and select systemic risks factors for coronary artery atherosclerosis. <a href="#">Climacteric. 25 (4): 369-75.</a></li><li>6. Bianchi, A. <i>et al.</i> (2021) Moderate Exercise Inhibits Age-Related Inflammation, Liver Steatosis, Senescence, and Tumorigenesis. <a href="#">J Immunol. 206 (4): 904-16.</a></li></ol>
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<b>Storage</b>	<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.</p>
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<b>Guarantee</b>	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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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10322 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR131A">https://www.bio-rad-antibodies.com/SDS/STAR131A</a>
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<b>Regulatory</b>	For research purposes only
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**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

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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