

Datasheet: STAR131A

BATCH NUMBER 172404

Description:	GOAT ANTI RAT IgG:Alk. Phos. (MOUSE ADSORBED)
Specificity:	IgG
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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 MgCl₂

Preservative <0.1% Sodium Azide (NaN₃)
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](#)

RRID AB_1102642

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. 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.](#)

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 Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

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

Regulatory For research purposes only

Product inquiries: 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
'M428677:240301'

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