

Datasheet: 106004

BATCH NUMBER 167950

Description:	GOAT ANTI MOUSE LAMBDA LIGHT CHAIN:Alk. Phos.
Specificity:	LAMBDA LIGHT CHAIN
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/2000 - 1/4000
Western Blotting			▪	
Immunoblotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Mouse

Product Form

Purified IgG conjugated to Alkaline Phosphatase - liquid

Antiserum Preparation

Antisera to mouse lambda light chains were raised by repeated immunisations of goats with highly purified antigen. Purified Ig was prepared from whole serum by affinity chromatography on pooled mouse Igs with lambda chains covalently linked to agarose.

Buffer Solution

TRIS buffered saline, 1mM MgCl₂

Preservative Stabilisers

<0.1% Sodium Azide (NaN₃)
50% Glycerol

Immunogen

Mouse paraproteins with lambda 1 and lambda 2 light chains.

External Database**Links****UniProt:**[P01843](#) [Related reagents](#)[P01844](#) [Related reagents](#)**Entrez Gene:**[433053](#) LOC433053 [Related reagents](#)[110786](#) Iglc2 [Related reagents](#)

RRID

AB_609764

Specificity

Goat anti Mouse Lambda Light Chain antibody recognizes mouse lambda 1 and lambda 2 light chains (free and bound) as demonstrated by ELISA. To minimise cross reactivity this product has been cross absorbed against mouse paraproteins with kappa light chains.

References

1. Rops, A.L. *et al.* (2010) The tetraspanin CD37 protects against glomerular IgA deposition and renal pathology. [Am J Pathol. 176 \(5\): 2188-97.](#)
2. Lewis, A. *et al.* (2017) Recovery from desensitization of IgE-dependent responses in human lung mast cells. [Clin Exp Allergy. 47 \(8\): 1022-31.](#)
3. Blakney, A.K. *et al.* (2021) Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. [Mol Ther. 29 \(3\): 1174-85.](#)
4. Wang, Z. *et al.* (2023) Reducing cell intrinsic immunity to mRNA vaccine alters adaptive immune responses in mice. [Mol Ther Nucleic Acids. 34: 102045.](#)

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/106004>
10322

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](https://www.bio-rad-antibodies.com/datasheets)

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