

Datasheet: 106004

BATCH NUMBER 171612

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 MgCl ₂
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃) 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. <i>et al.</i> (2010) The tetraspanin CD37 protects against glomerular IgA deposition and renal pathology. Am J Pathol. 176 (5): 2188-97. 2. Lewis, A. <i>et al.</i> (2017) Recovery from desensitization of IgE-dependent responses in human lung mast cells. Clin Exp Allergy. 47 (8): 1022-31. 3. Blakney, A.K. <i>et al.</i> (2021) Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. Mol Ther. 29 (3): 1174-85. 4. Wang, Z. <i>et al.</i> (2023) Reducing cell intrinsic immunity to mRNA vaccine alters adaptive immune responses in mice. Mol Ther Nucleic Acids. 34: 102045. 5. Murugaiah, V. <i>et al.</i> (2024) A transgenic mouse with a humanised B cell repertoire mounts an antibody response to influenza infection and vaccination. J Infect Dis. Sep 24 [Epub ahead of print].
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
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

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