

Datasheet: 106001

**BATCH NUMBER 172230**

<b>Description:</b>	GOAT ANTI MOUSE LAMBDA LIGHT CHAIN
<b>Specificity:</b>	LAMBDA LIGHT CHAIN
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 mg

## 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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/4000 - 1/8000
Western Blotting	▪			
Immunofluorescence	▪			
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.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to mouse lambda light chains were raised by repeated immunisations of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography on pooled mouse Igs with lambda chains covalently linked to agarose.
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	None Present

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Mouse paraproteins with lambda 1 and lambda 2 light chains.
<b>External Database Links</b>	<p><b>UniProt:</b></p> <p><a href="#">P01843</a>      <a href="#">Related reagents</a></p> <p><a href="#">P01844</a>      <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b></p> <p><a href="#">433053</a>    LOC433053    <a href="#">Related reagents</a></p> <p><a href="#">110786</a>    Iglc2        <a href="#">Related reagents</a></p>
<b>RRID</b>	AB_609766
<b>Specificity</b>	<b>Goat anti Mouse Lambda Light Chain antibody</b> 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.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Rops, A.L. <i>et al.</i> (2010) The tetraspanin CD37 protects against glomerular IgA deposition and renal pathology. <a href="#">Am J Pathol. 176 (5): 2188-97.</a></li> <li>2. Lewis, A. <i>et al.</i> (2017) Recovery from desensitization of IgE-dependent responses in human lung mast cells. <a href="#">Clin Exp Allergy. 47 (8): 1022-31.</a></li> <li>3. Blakney, A.K. <i>et al.</i> (2021) Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. <a href="#">Mol Ther. 29 (3): 1174-85.</a></li> <li>4. Wang, Z. <i>et al.</i> (2023) Reducing cell intrinsic immunity to mRNA vaccine alters adaptive immune responses in mice. <a href="#">Mol Ther Nucleic Acids. 34: 102045.</a></li> <li>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. <a href="#">J Infect Dis. Sep 24 [Epub ahead of print].</a></li> </ol>
<b>Storage</b>	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<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.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10123 available at: <a href="https://www.bio-rad-antibodies.com/SDS/106001">https://www.bio-rad-antibodies.com/SDS/106001</a>
<b>Regulatory</b>	For research purposes only

## Related Products

## Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

**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](http://bio-rad-antibodies.com/datasheets)  
'M427896:240301'

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