

Datasheet: 106002

**BATCH NUMBER 161253**

<b>Description:</b>	GOAT ANTI MOUSE LAMBDA LIGHT CHAIN:FITC
<b>Specificity:</b>	LAMBDA LIGHT CHAIN
<b>Format:</b>	FITC
<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			▪	
Immunofluorescence	▪			

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>	Ig Fraction conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid						
<b>Max Ex/Em</b>	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	FITC	490	525
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
FITC	490	525					

**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.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )

<b>Approx. Protein Concentrations</b>	Ig 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_609767
<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. Feb 25. [Epub ahead of print]</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> </ol>
<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. This product is photosensitive and should be protected from light.</p>
<b>Guarantee</b>	Guaranteed until date of expiry. Please see product label.
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/106002">https://www.bio-rad-antibodies.com/SDS/106002</a> 10040
<b>Regulatory</b>	For research purposes only

<b>North &amp; South America</b>	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a>	<b>Worldwide</b>	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a>	<b>Europe</b>	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a>
----------------------------------	---	------------------	---	---------------	---

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)

