

Datasheet: 106002

BATCH NUMBER 164490

Description:	GOAT ANTI MOUSE LAMBDA LIGHT CHAIN:FITC
Specificity:	LAMBDA LIGHT CHAIN
Format:	FITC
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Mouse						
Product Form	Ig Fraction conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid						
Max Ex/Em	<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
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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.

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

Approx. Protein Concentrations	Ig concentration 1.0 mg/ml
Immunogen	Mouse paraproteins with lambda 1 and lambda 2 light chains.
External Database Links	<p>UniProt:</p> <p>P01843 Related reagents</p> <p>P01844 Related reagents</p> <p>Entrez Gene:</p> <p>433053 LOC433053 Related reagents</p> <p>110786 Iglc2 Related reagents</p>
RRID	AB_609767
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	<ol style="list-style-type: none"> 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. Feb 25. [Epub ahead of print] 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.
Storage	<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>
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 #10040 available at: https://www.bio-rad-antibodies.com/SDS/106002
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
'M402048:220718'

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