

Datasheet: 105008

BATCH NUMBER 166865

Description:	GOAT ANTI MOUSE KAPPA LIGHT CHAIN:Biotin
Specificity:	KAPPA LIGHT CHAIN
Format:	Biotin
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
ELISA	▪			1/5k - 1/20K

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 Ig conjugated to Biotin - liquid
Preparation	Purified Ig prepared by affinity chromatography on kappa light chains linked to agarose
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Ig concentration 0.5 mg/ml
Immunogen	Mouse paraproteins with kappa light chains.

External Database Links

UniProt:
[P01837](#) [Related reagents](#)

Entrez Gene:

[16071](#) Igk-C [Related reagents](#)

RRID	AB_616727
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Specificity	Goat anti mouse kappa light chain polyclonal antibody is specific for mouse kappa light chains (free and bound). This antibody is cross-adsorbed against mouse lambda light chains.
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References	<ol style="list-style-type: none">1. Blakney, A.K. <i>et al.</i> (2021) Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. Mol Ther. 29 (3): 1174-85.2. 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.
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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.</p>
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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.
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Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/105008 10040
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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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Printed on 01 Mar 2024

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