

Datasheet: 105004

Description:	GOAT ANTI MOUSE KAPPA LIGHT CHAIN:Alk. Phos.
Specificity:	KAPPA 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
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
Preparation	Purified IgG prepared by affinity chromatography on kappa light chains 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 kappa light chains.

External Database Links

UniProt:

[P01837](#)

[Related reagents](#)

Entrez Gene:[16071](#) Igk-C [Related reagents](#)

RRID	AB_619830
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.
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.
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>
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/105004 10322
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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