

## Datasheet: 105005

<b>Description:</b>	GOAT ANTI MOUSE KAPPA LIGHT CHAIN:HRP
<b>Specificity:</b>	KAPPA LIGHT CHAIN
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
ELISA	▪			1/4000 - 1/8000
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 conjugated to Horseradish Peroxidase (HRP) - liquid

**Antiserum Preparation** Antisera to mouse kappa light chain were made from pooled antisera from goats immunised with mouse paraproteins bearing kappa light chains. Antiserum was purified by affinity chromatography on pooled mouse Igs with kappa light chains. The antiserum was cross adsorbed on pooled mouse Igs with lambda light chains.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	50% glycerol.
<b>Immunogen</b>	Mouse paraproteins with kappa light chains.

**External Database  
Links**

**UniProt:**

[P01837](#)   [Related reagents](#)

**Entrez Gene:**

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

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**RRID**                      AB\_609753

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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**

1. Blakney, A.K. *et al.* (2021) Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. [Mol Ther. 29 \(3\): 1174-85.](#)
2. Wang, Z. *et al.* (2023) Reducing cell intrinsic immunity to mRNA vaccine alters adaptive immune responses in mice. [Mol Ther Nucleic Acids. 34: 102045.](#)
3. Murugaiah, V. *et al.* (2024) A transgenic mouse with a humanised B cell repertoire mounts an antibody response to influenza infection and vaccination. [J Infect Dis. Sep 24 \[Epub ahead of print\].](#)

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**Storage**                              Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
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.

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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 #10106 available at:  
<https://www.bio-rad-antibodies.com/SDS/105005>  
10106

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**Regulatory**                              For research purposes only

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## Related Products

### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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://bio-rad-antibodies.com/datasheets)  
'M427894:240301'

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