

Datasheet: 105005

**BATCH NUMBER 160657**

|                      |                                       |
|----------------------|---------------------------------------|
| <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](#)

RRID

AB\_609753

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

1. Blakney, A.K. *et al.* (2021) Innate Inhibiting Proteins Enhance Expression and Immunogenicity of Self-Amplifying RNA. [Mol Ther. 29 \(3\): 1174-85.](#)

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.

Guarantee

Guaranteed until date of expiry. Please see product label.

Health And Safety  
Information

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

Regulatory

For research purposes only

## 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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