

Datasheet: 106004

**BATCH NUMBER 157828**

<b>Description:</b>	GOAT ANTI MOUSE LAMBDA LIGHT CHAIN:Alk. Phos.
<b>Specificity:</b>	LAMBDA LIGHT CHAIN
<b>Format:</b>	Alk. Phos.
<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			▪	
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

### 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

TRIS buffered saline, 1mM MgCl<sub>2</sub>

### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)  
50% Glycerol

### Immunogen

Mouse paraproteins with lambda 1 and lambda 2 light chains.

---

**External Database****Links****UniProt:**[P01843](#)    [Related reagents](#)[P01844](#)    [Related reagents](#)**Entrez Gene:**[433053](#)    LOC433053    [Related reagents](#)[110786](#)    Iglc2    [Related reagents](#)

---

**RRID**

AB\_609764

---

**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**

1. Rops, A.L. *et al.* (2010) The tetraspanin CD37 protects against glomerular IgA deposition and renal pathology. [Am J Pathol. 176 \(5\): 2188-97.](#)
2. Lewis, A. *et al.* (2017) Recovery from desensitization of IgE-dependent responses in human lung mast cells. [Clin Exp Allergy. Feb 25. \[Epub ahead of print\]](#)

---

**Storage**

Store at +4°C or at -20°C if preferred.  
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 #10322 available at:  
<https://www.bio-rad-antibodies.com/SDS/106004>  
10322

---

**Regulatory**

For research purposes only

---

**North & South**    Tel: +1 800 265 7376**America**    Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

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)

'M360334:191106'

**Printed on 01 Mar 2024**