

## Datasheet: 109007

<b>Description:</b>	GOAT ANTI MOUSE IgG2b:Texas Red®
<b>Specificity:</b>	IgG2b
<b>Format:</b>	Texas Red®
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat - 1/10

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>Species Cross Reactivity</b>	Does not react with:Human						
<b>Product Form</b>	Purified IgG conjugated to Texas Red® - liquid						
<b>Max Ex/Em</b>	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>Texas Red</td> <td>596</td> <td>615</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	Texas Red	596	615
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
Texas Red	596	615					

**Antiserum Preparation** Antiserum to mouse IgG2b was raised by repeated immunisation of goats with highly purified antigen. The preparation was purified by affinity chromatography on mouse IgG2b covalently linked to agarose

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** <0.1% Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein** IgG concentration 1.0 mg/ml

## Concentrations

---

**Immunogen** Mouse IgG2b paraproteins

---

## External Database Links

**UniProt:**

[P01867](#)    [Related reagents](#)

**Entrez Gene:**

[16016](#) Ighg2b    [Related reagents](#)

---

**RRID** AB\_616887

---

**Specificity** **Goat anti mouse IgG2b polyclonal antibody** is specific for the heavy chain of mouse IgG2b.

This antibody has been cross-adsorbed against mouse IgM, IgG1, IgG2a, IgG3, IgA and human serum to minimise cross-reactivity.

---

**Flow Cytometry** Use 10ul of the suggested working dilution to label  $1 \times 10^6$  cells in 100ul

---

**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at  $-20^{\circ}\text{C}$  on receipt. When thawed, aliquot the sample as needed. Keep aliquots at  $2-8^{\circ}\text{C}$  for short term use (up to 4 weeks) and store the remaining aliquots at  $-20^{\circ}\text{C}$ .

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. This product is photosensitive and should be protected from light.

---

**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.

---

**Acknowledgements** Texas Red<sup>®</sup> is a registered trademark of Molecular Probes, Inc

---

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/109007>  
10040

---

**Regulatory** For research purposes only

---

**North & South America** Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [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)

'M427904:240301'

Printed on 01 Mar 2024

---