

## 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
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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

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium azide
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Mouse IgG2b paraproteins
<b>External Database Links</b>	<b>UniProt:</b>

[P01867](#)   [Related reagents](#)

**Entrez Gene:**

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

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<b>Specificity</b>	<b>Goat anti mouse IgG2b polyclonal antibody</b> 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.
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label $1 \times 10^6$ cells in 100ul
<b>Storage</b>	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use
<b>Shelf Life</b>	18 months from the date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10303 available at: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf</a>
<b>Regulatory</b>	For research purposes only

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