

Datasheet: 109008

BATCH NUMBER 167857

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| Description: | GOAT ANTI MOUSE IgG2b:Biotin |
| Specificity: | IgG2b |
| Format: | Biotin |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 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.

| | Yes | No | Not Determined | Suggested Dilution |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | | | ■ | |
| Immunohistology - Frozen | | | ■ | |
| Immunohistology - Paraffin | | | ■ | |
| ELISA | ■ | | | 1/5000 - 1/10000 |
| Immunoprecipitation | | | ■ | |
| Western Blotting | | | ■ | |

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

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| Target Species | Mouse |
| Species Cross Reactivity | Does not react with:Human |
| Product Form | Purified IgG conjugated to Biotin - liquid |
| Antiserum Preparation | Antisera to mouse IgG2b were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography. |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | <0.1% Sodium Azide (NaN ₃) |

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| Approx. Protein Concentrations | IgG concentration 0.5 mg/ml |
| Immunogen | Mouse IgG2b paraproteins |
| External Database Links | <p>UniProt: P01867 Related reagents</p> <p>Entrez Gene: 16016 Ighg2b Related reagents</p> |
| RRID | AB_609729 |
| Specificity | <p>Goat anti mouse IgG2b polyclonal antibody is specific for the heavy chain of mouse IgG2b.</p> <p>This antibody has been cross-adsorbed against mouse IgM, IgG1, IgG2a, IgG3, IgA and human serum to minimise cross-reactivity.</p> |
| Flow Cytometry | Use 50ul of the suggested working dilution to label 10 ⁶ cells in 100ul. |
| Storage | <p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p> |
| 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. |
| Health And Safety Information | <p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/109008 10040</p> |
| Regulatory | For research purposes only |

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|----------------------------------|---|------------------|---|---------------|---|
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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://www.bio-rad-antibodies.com/datasheets)
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