

## Datasheet: STAR3010

|                      |  |
|----------------------|--|
| <b>Description:</b>  | GOAT ANTI RAT IgG/IgM (H/L) (MOUSE ADSORBED) |
| <b>Specificity:</b>  | IgG IgM (H/L)                                |
| <b>Format:</b>       | Purified                                     |
| <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             | ▪   |    |                |                    |
| Immunohistology - Frozen   | ▪   |    |                |                    |
| Immunohistology - Paraffin | ▪   |    |                |                    |
| ELISA                      | ▪   |    |                |                    |
| Western Blotting           | ▪   |    |                |                    |
| Immunocytochemistry        | ▪   |    |                |                    |
| FLISA                      | ▪   |    |                |                    |

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>           | Rat  |
| <b>Species Cross Reactivity</b> | Does not react with:Mouse  |
| <b>Product Form</b>             | Purified IgG - liquid  |
| <b>Preparation</b>              | Purified IgG prepared by affinity chromatography on pooled rat IgG linked to agarose |
| <b>Buffer Solution</b>          | Borate buffered saline   |
| <b>Preservative Stabilisers</b> | None present   |

|                                       |  |
|---------------------------------------|--|
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml  |
| <b>Immunogen</b>                      | Purified rat IgM and IgG   |
| <b>Specificity</b>                    | <b>Goat anti Rat IgG/IgM (H/L) polyclonal antibody</b> reacts with the heavy and light chains of rat IgM and IgG and show minimal cross reactivity with mouse immunoglobulins. This antibody has been cross-adsorbed against pooled mouse sera and purified mouse paraproteins.  |
| <b>References</b>                     | <p>1. Westerweel, P.E. <i>et al.</i> (2010) Modulation of TGF-<math>\beta</math>/BMP-6 expression and increased levels of circulating smooth muscle progenitor cells in a type I diabetes mouse model. <a href="#">Cardiovasc Diabetol. 9: 55.</a></p> <p>2. Iver, S. <i>et al.</i> (2019) Probing BAK and BAX Activation and Pore Assembly with Cytochrome c Release, Limited Proteolysis, and Oxidant-Induced Linkage. <a href="#">Methods Mol Biol. 1877: 201-16.</a></p> |
| <b>Storage</b>                        | <p>Store at -20°C only.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.</p>   |
| <b>Guarantee</b>                      | Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.   |
| <b>Health And Safety Information</b>  | <p>Material Safety Datasheet documentation #10123 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR301010123">https://www.bio-rad-antibodies.com/SDS/STAR301010123</a></p>  |
| <b>Regulatory</b>                     | For research purposes only   |

## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
| <b>North &amp; South America</b> | Tel: +1 800 265 7376<br>Fax: +1 919 878 3751<br>Email: <a href="mailto:antibody_sales_us@bio-rad.com">antibody_sales_us@bio-rad.com</a> | <b>Worldwide</b> | Tel: +44 (0)1865 852 700<br>Fax: +44 (0)1865 852 739<br>Email: <a href="mailto:antibody_sales_uk@bio-rad.com">antibody_sales_uk@bio-rad.com</a> | <b>Europe</b> | Tel: +49 (0) 89 8090 95 21<br>Fax: +49 (0) 89 8090 95 50<br>Email: <a href="mailto:antibody_sales_de@bio-rad.com">antibody_sales_de@bio-rad.com</a> |
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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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