

## GolnVivo™ Purified Syrian Hamster IgG Isotype Ctrl Antibody

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| <b>Catalog# / Size</b>   | 402022 / 100 mg<br>402024 / 1 g<br>402023 / 500 mg<br>402020 / 25 mg<br>402021 / 50 mg<br>402019 / 5 mg  |
| <b>Clone</b>             | SHG-1  |
| <b>Regulatory Status</b> | RUO  |
| <b>Isotype</b>           | Syrian Hamster IgG   |
| <b>Description</b>       | The SHG-1 immunoglobulin is of Syrian hamster IgG isotype and was chosen as an isotype control after screening on variety of resting, activated, live, and fixed mouse, rat and human tissues. |

### Product Details

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| <b>Antibody Type</b>                              | Monoclonal   |
| <b>Host Species</b>                               | Syrian Hamster   |
| <b>Immunogen</b>                                  | Trinitrophenol + KLH   |
| <b>Formulation</b>                                | 0.2 µm filtered in phosphate-buffered solution, pH 7.2, containing no preservative. Endotoxin level is <1.0 EU/mg of the protein. (<0.01 pg/µg of the protein) as determined by the LAL test.  |
| <b>Preparation</b>                                | The GolnVivo™ antibody was purified by affinity chromatography.  |
| <b>Concentration</b>                              | The antibody is bottled at the concentration indicated on the vial, typically between 2 mg/mL and 3 mg/mL.   |
| <b>Storage &amp; Handling</b>                     | The antibody solution should be stored undiluted between 2°C and 8°C. This GolnVivo™ solution contains no preservative; handle under aseptic conditions.   |
| <b>Application</b>                                | <a href="#">FC - Quality tested</a><br><a href="#">ICFC, WB, IP, ICC, IHC, FA - Reported in the literature, not verified in house</a>  |
| <b>Recommended Usage</b>                          | Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 1.0 µg per million cells in 100 µL volume or 100 µL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.<br><br><b>For <i>in vivo</i> and <i>in vitro</i> applications, we recommend to perform a pilot experiment to determine the optimal concentration to use for each particular experiment.</b> |
| <b>Application Notes</b>                          | The SHG-1 immunoglobulin is useful as an isotype-matched control (for the relevant formats) for Western blotting, immunoprecipitation, immunohistochemistry, functional assay, and immunofluorescence microscopy. The LEAF™ purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for functional assays (Cat. No. 402014) as negative control.  |
| <b>Application References</b>                     | 1. Nishimoto H, <i>et al.</i> 2005. <i>Blood</i> . 106:4241.   |
| <b>(PubMed link indicates BioLegend citation)</b> |  |

### Antigen Details

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| <b>Gene ID</b> | NA |
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## Related Protocols

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[Cell Surface Flow Cytometry Staining Protocol](#)

## Other Formats

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Purified Syrian Hamster IgG Isotype Ctrl, Biotin Syrian Hamster IgG Isotype Ctrl, FITC Syrian Hamster IgG Isotype Ctrl, PE Syrian Hamster IgG Isotype Ctrl, PE/Cyanine5 Syrian Hamster IgG Isotype Ctrl, APC Syrian Hamster IgG Isotype Ctrl, Alexa Fluor® 488 Syrian Hamster IgG Isotype Ctrl, PE/Cyanine7 Syrian Hamster IgG Isotype Ctrl, GolnVivo™ Purified Syrian Hamster IgG Isotype Ctrl, PerCP/Cyanine5.5 Syrian Hamster IgG Isotype Ctrl, PE/Dazzle™ 594 Syrian Hamster IgG Isotype Ctrl, Ultra-LEAF™ Purified Syrian Hamster IgG Isotype Ctrl

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