

GolnVivo™ Purified Syrian Hamster IgG Isotype Ctrl Antibody

Catalog# / Size	402019 / 5 mg 402020 / 25 mg 402021 / 50 mg 402022 / 100 mg 402023 / 500 mg 402024 / 1 g
Clone	SHG-1
Regulatory Status	RUO
Isotype	Syrian Hamster IgG
Description	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

Antibody Type	Monoclonal
Host Species	Syrian Hamster
Immunogen	Trinitrophenol + KLH
Formulation	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.
Preparation	The GolnVivo™ antibody was purified by affinity chromatography.
Concentration	The antibody is bottled at the concentration indicated on the vial, typically between 2 mg/mL and 3 mg/mL.
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C. This GolnVivo™ solution contains no preservative; handle under aseptic conditions.
Application	FC - Quality tested ICFC, WB, IP, ICC, IHC, FA - Reported in the literature, not verified in house
Recommended Usage	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. 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.
Application Notes	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.
Application References	1. Nishimoto H, <i>et al.</i> 2005. <i>Blood</i> . 106:4241.
(PubMed link indicates BioLegend citation)	
Product Citations	1. Ishikura N, <i>et al.</i> 2022. <i>Oncol Rep.</i> 47:.. PubMed

Antigen Details

Gene ID

NA

Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

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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