

PE Syrian Hamster IgG Isotype Ctrl Antibody

Catalog# / Size	402008 / 100 µg
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	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Preparation	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions.
Concentration	0.2 mg/ml
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested ICFC - Verified
Recommended Usage	Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest.
Excitation Laser	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
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 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. Dúcka M, <i>et al.</i> 2021. <i>Neoplasia</i> . 23:326. PubMed 2. Coronel MM, <i>et al.</i> 2020. <i>Sci Adv</i> . 6:eaba5573. PubMed 3. Xu C, <i>et al.</i> 2018. <i>Nat Commun</i> . 9:2449. PubMed

Antigen Details

Gene ID	NA
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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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