

## Alexa Fluor® 488 Syrian Hamster IgG Isotype Ctrl Antibody

<b>Catalog# / Size</b>	402018 / 100 µg
<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

---

<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Syrian Hamster
<b>Immunogen</b>	Trinitrophenol + KLH
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Preparation</b>	The antibody was purified by affinity chromatography and conjugated with Alexa Fluor® 488 under optimal conditions.
<b>Concentration</b>	0.5 mg/ml
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Application</b>	<a href="#">FC - Quality tested</a> <a href="#">ICFC - Verified</a>
<b>Recommended Usage</b>	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.  * Alexa Fluor® 488 has a maximum emission of 519 nm when it is excited at 488 nm.  Alexa Fluor® and Pacific Blue™ are trademarks of Life Technologies Corporation.  <a href="#">View full statement regarding label licenses</a>
<b>Excitation Laser</b>	Blue Laser (488 nm)
<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 as negative control.
<b>Application References</b> (PubMed link indicates BioLegend citation)	1. Nishimoto H, <i>et al.</i> 2005. <i>Blood</i> . 106:4241.

### Antigen Details

---

**Gene ID** NA

### Related Protocols

---

[Surface and Intracellular Cytokine Staining for Flow Cytometry - Video](#)

[Cell Surface Flow Cytometry Staining Protocol](#)

[Intracellular 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

For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.

\*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, [www.biolegend.com/ordering#license](http://www.biolegend.com/ordering#license)). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.

BioLegend Inc., 8999 BioLegend Way, San Diego, CA 92121 [www.biolegend.com](http://www.biolegend.com)  
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587