SONY

# Product Data Sheet

## PerCP/Cyanine5.5 Syrian Hamster IgG Isotype Ctrl

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| **Catalog # / Size:** | 2610135 / 25 µg<br>2610140 / 100 µg |
| **Clone:** | SHG-1 |
| **Isotype:** | Hamster IgG |
| **Immunogen:** | Trinitrophenol + KLH |
| **Reactivity:** | Other |
| **Preparation:** | The immunoglobulin was purified by affinity chromatography and conjugated with PerCP/Cy5.5 under optimal conditions. |
| **Formulation:** | Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. |
| **Workshop Number:** | HCDM listed |
| **Concentration:** | 0.2 |

## Applications:

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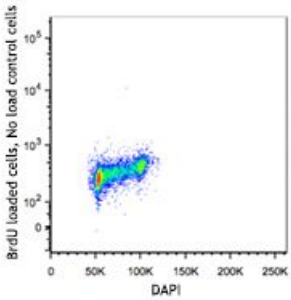
| **Applications:** | Flow Cytometry, Intracellular Staining for Flow Cytometry |
| **Recommended Usage:** | Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest. Use our Concentration Lookup tool to find the exact concentrations of your lots of product. |
| **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, *et al.* 2005. *Blood.* 106:4241.

**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.

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**Antigen References:**

1. Dundas CM, *et al.* 2013. *Appl. Microbiol. Biotechnol.* 97:9343.
2. Zhao X, *et al.* 2013. *J. Anal. Methods Chem.* 2013:581093.
3. Kaplan DL, *et al.* 1999. *Biomol. Eng.* 16:135.
4. Wilbur DS, *et al.* 1999. *Biomol. Eng.* 16:113.
5. Sano T, *et al.* 1998. *J. Chromatogr. B. Biomed. Sci. Appl.* 715:85.

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