Datasheet for ABIN6698895

# Goat anti-Golden Syrian Hamster IgG Antibody (Cy3.5) - Preadsorbed

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## Overview

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| Quantity: | 1 mg |
| Target: | IgG |
| Reactivity: | Golden Syrian Hamster |
| Host: | Goat |
| Clonality: | Polyclonal |
| Conjugate: | Cy3.5 |
| Application: | Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM) |

## Product Details

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| Immunogen: | Immunogen: Hamster IgG whole molecule |
| Isotype: | IgG |
| Characteristics: | Synonyms: Goat anti-Golden Syrian Hamster IgG Cy3.5 conjugated antibody, goat anti-hamster antibody CY3.5 conjugated<br>Background: Anti-Golden Syrian Hamster IgG Cy3.5 Antibody generated in goat detects Golden Syrian Hamster IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing |

## Product Details

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| | a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. |
| Purification: | Preadsorption: Solid phase absorption |
| Labeling Ratio: | 3.0 |

## Target Details

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| Target: | IgG |
| Abstract: | IgG Products |
| Target Type: | Antibody |

## Application Details

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| Application Notes: | Application Note: This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.<br>FLISA Dilution: 1:10,000 - 1:50,000<br>Flow Cytometry Dilution: 1:500 - 1:2,500<br>IF Microscopy Dilution: 1:1,000 - 1:5,000 |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | Reconstitution Volume: 1.0 mL<br>Reconstitution Buffer: Restore with deionized water (or equivalent) |
| Buffer: | Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2<br>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free<br>0.01 % (w/v) Sodium Azide |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | RT,4 °C,-20 °C |

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## Handling

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| Storage Comment: | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| Expiry Date: | 12 months |

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