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Datasheet for ABIN965070

**Rabbit anti-Golden Syrian Hamster IgG (Heavy & Light Chain)
Antibody (PE)**

Overview

Quantity:	500 µg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Golden Syrian Hamster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	PE
Application:	Flow Cytometry (FACS), Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Anti-Golden Syrian Hamster IgG (H&L) was produced by repeated immunization with Golden Syrian Hamster IgG whole molecule in rabbit. Immunogen Type: Native Protein
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Rabbit Serum, Golden Syrian Hamster IgG and Golden Syrian Hamster Serum.
Cross-Reactivity:	Golden Syrian Hamster
Characteristics:	Anti-Golden Syrian Hamster IgG (H&L) Antibody generated in rabbit detects specifically golden syrian hamster IgG. This secondary Anti-Golden Syriam Hamster IgG antibody is ideal for investigators who routinely perform titration assays, microscopy and FACS analysis. Anti-

Product Details

Golden Syrian Hamster IgG (H&L) Antibody is ideal for investigators in Microbiology, Molecular Biology, and Immunology.

Anti-Golden Syrian Hamster IgG (H&L) phycoerythrin conjugated antibody generated in rabbit detects specifically golden syrian hamster IgG. This secondary phycoerythrin conjugated antibody anti-Golden Syrian Hamster is ideal for investigators who routinely perform titration assays, microscopy and FACS analysis.

This product was prepared from monospecific antiserum by immunoaffinity chromatography using Golden Syrian Hamster IgG coupled to agarose beads followed by pepsin digestion and chromatographic separation. Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody.

Purification: F(ab')₂ Anti-Golden Syrian Hamster IgG Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Golden Syrian Hamster IgG coupled to agarose beads followed by pepsin digestion and chromatographic separation. Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Rabbit Serum, Golden Syrian Hamster IgG and Golden Syrian Hamster Serum. No reaction was observed against anti-Pepsin or anti-Rabbit IgG F(c).

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Rabbit F(ab')₂ Anti-Golden Syrian & Armenian Hamster IgG Antibody Phycoerythrin Conjugation, Rabbit F(ab')₂ Anti-Hamster IgG Phycoerythrin Conjugated Antibody, Rabbit Fab2 Anti-Hamster IgG PE Conjugated Antibody

Background: F(ab')₂ Anti-Golden Syrian Hamster IgG Phycoerythrin Antibody was generated by enzymatic cleavage and subsequent separation from the Fc fragment. Because of their smaller size, F(ab)₂ fragments offer several advantages over intact antibodies for use in certain immunochemical techniques and experimental applications. F(ab)₂ fragments penetrate tissue samples and show better antigen recognition and signal generation in IHC. F(ab)₂ fragments lack the Fc region and therefore do not bind Fc receptors which effectively lowers background staining. F(ab')₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays. Anti-Golden Syrian Hamster IgG (H&L) Antibody is ideal for investigators in Microbiology, Molecular Biology, and Immunology.

Application Details

Application Notes:	<p>Application Note: Golden Syrian Hamster IgG (H&L) Antibody is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.</p> <p>Flow Cytometry Dilution: 1:100 - 1:250</p> <p>IF Microscopy Dilution: 1:100 - 1:250</p>
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>Reconstitution Volume: 1.0 mL</p> <p>Reconstitution Buffer: Restore with deionized water (or equivalent)</p>
Concentration:	0.5 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Product is photosensitive and should be protected from light.
Storage:	RT, 4 °C
Storage Comment:	Store vial at 4 °C prior to restoration. For extended storage aliquot contents and freeze at -24 °C or below. This product is stable for several weeks at 4 °C as an undiluted liquid.
Expiry Date:	12 months