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Datasheet for 807-4002

Fab Golden Syrian Hamster IgG (H&L) Antibody Rhodamine Conjugated

Overview

Description:	Rabbit Fab Anti-Golden Syrian Hamster IgG (H&L) Antibody Rhodamine Conjugated - 807-4002
Item No.:	807-4002
Size:	500 µL
Applications:	WB
Reactivity:	Golden Syrian Hamster
Host Species:	Rabbit

Product Details

Background:	Fab Anti-Golden Syrian Hamster IgG (H&L) Antibody generated in rabbit detects hamster IgG. Representing approximately 75% of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing 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. Fab Antibody is ideal for investigators who routinely perform flow cytometry, immunofluorescence, IHC, and other immunoassays. This Fab Anti-Golden Syrian Hamster IgG Antibody is conjugated to Rhodamine.
Synonyms:	Rabbit Fab Anti-Golden Syrian Hamster IgG Antibody Rhodamine Conjugation, Rabbit Fab Anti-Golden Syrian Hamster IgG TRITC Conjugated Antibody, Rabbit Fab Anti-Hamster IgG Antibody Rhodamine Conjugation, Rabbit Fab Anti-Hamster IgG TRITC Conjugated Antibody
Host Species:	Rabbit
Specificity:	IgG (H&L)
Conjugate:	Rhodamine (TRITC)
Clonality:	Polyclonal
Format:	IgG Fab
F/P Ratio:	1.5

Target Details

Reactivity:	Golden Syrian Hamster
Immunogen:	Golden Syrian Hamster IgG whole molecule
Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Golden Syrian Hamster IgG coupled to agarose beads followed by solid phase adsorption (s) to remove any unwanted reactivities, papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Goat Serum. No reaction was observed against anti-Papain or anti-Rabbit IgG F(c).

Application Details

Tested Applications:	WB
Application Note:	Fab Anti-Golden Syrian Hamster IgG (H&L) Antibody has been tested by western blot and 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 requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FC:	1:500 - 1:2,500
FLISA:	1:10,000 - 1:50,000
IF:	1:500-1:2,500

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Reconstitution Volume:	500 µL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient

Storage Condition:	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.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.