



Anti-GOLDEN SYRIAN HAMSTER IgG F(ab')₂ (RABBIT) Antibody Biotin Conjugated - 607-4604

Code: 607-4604

Size: 1 mg

Product Description: Anti-GOLDEN SYRIAN HAMSTER IgG F(ab')₂ (RABBIT) Antibody Biotin Conjugated - 607-4604

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Lyophilized

| | |
|-------------------------------|---|
| Label | Biotin |
| Host | Rabbit |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Reconstitution Volume | 1.0 mL |
| Reconstitution Buffer | Restore with deionized water (or equivalent) |
| Stabilizer | 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |
| Preservative | 0.01% (w/v) Sodium Azide |
| 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. |
| Synonyms | rabbit anti-Golden Syrian Hamster IgG F(ab') ₂ fragment biotin conjugated Antibody, rabbit anti-Golden Syrian Hamster IgG Fab ₂ fragment biotin conjugated Antibody, rabbit anti-Hamster IgG F(ab') ₂ biotin conjugated Antibody |
| Application Note | This product has been assayed against 1.0 ug of Hamster IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:40,000 to 1:400,000 of the reconstitution concentration is suggested for this product. |
| Background | Anti-Golden Syrian Hamster IgG F(ab') ₂ Biotin Antibody generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab') ₂ molecules lack the Fc portion of IgG and therefore receptors that bind Golden Syrian Hamster IgG F(c) will not bind Golden Syrian Hamster IgG F(ab') ₂ molecules. 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. |
| Purity And Specificity | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Hamster IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Rabbit Serum, Hamster IgG, Hamster IgG F(ab') ₂ and Hamster Serum. No reaction was observed against Hamster IgG F(c). |
| Assay Dilutions | User Optimized |
| ELISA | 1:20,000 - 1:100,000 |
| Western Blot | 1:2,000 - 1:10,000 |
| Immunohistochemistry | 1:1,000 - 1:5,000 |
| Other Assays | User Optimized |
| Expiration | Expiration date is one (1) year from date of opening. |
| Immunogen | Hamster IgG F(ab') ₂ fragment |

Related Products

| | |
|----------|---|
| 610-4302 | Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302 |
| 611-1302 | Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302 |
| B304 | NORMAL GOAT SERUM (NGS) - B304 |

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.