



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

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