

## Product Datasheet

# F(Ab')<sub>2</sub> Fragment Of Hamster IgG (H&L) Antibody Biotin Conjugated Pre-Adsorbed (orb348407)

<b>Catalog Number</b>	orb348407
<b>Category</b>	Antibodies
<b>Description</b>	F(Ab') <sub>2</sub> Fragment Of Hamster IgG (H&L) antibody (Biotin)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Isotype</b>	IgG F(ab') <sub>2</sub>
<b>Conjugation</b>	Biotin
<b>Reactivity</b>	Golden Hamster, Hamster
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	1 mg/mL
<b>Buffer/Preservatives</b>	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Purity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Golden Syrian and Armenian Hamster IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Golden Syrian and Armenian Hamster IgG and Golden Syrian and Armenian Hamster Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c) and Mouse or Rat Serum Proteins.

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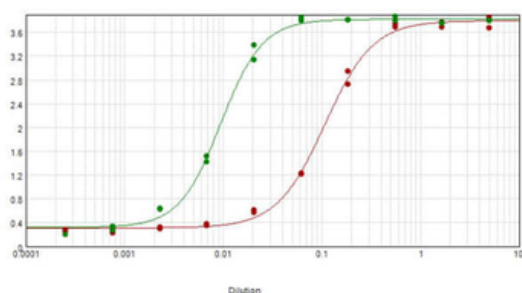
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<b>Immunogen</b>	Golden Syrian and Armenian Hamster IgG whole molecules
<b>Tested applications</b>	ELISA, IHC, WB
<b>Dilution range</b>	ELISA: 1:5000 - 1:25,000, IHC: 1:300-1:2000, WB: 1:2,000-1:10,000
<b>Application notes</b>	F(ab') <sub>2</sub> Anti-Golden Syrian & Armenian Hamster IgG Biotin Antibody has been tested by ELISA 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.
<b>Antibody Type</b>	Secondary Antibody
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



ELISA results of purified F(ab')<sub>2</sub> Fragment of GOAT Anti-GOLDEN SYRIAN & ARMENIAN HAMSTER IgG Biotin Conjugated Antibody tested against purified GOLDEN SYRIAN & ARMENIAN HAMSTER IgG. Each well was coated in duplicate with 1.0 µg of antigen. The starting dilution of antibody was 5 µg/ml and the X-axis represents the Log<sub>10</sub> of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC<sub>50</sub> is defined as the titer of the antibody. Assay performed using Blocking buffer, Streptavidin HRP conjugate 1:10000.

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