

## Product Datasheet

# F(ab')<sub>2</sub> Human IgG Fc Antibody Biotin Conjugated Pre-Adsorbed (orb348201)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb348201  |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | F(ab') <sub>2</sub> Human IgG F(c) 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>           | Human  |
| <b>Form/Appearance</b>      | Lyophilized  |
| <b>Concentration</b>        | 1.0 mg/mL  |
| <b>Buffer/Preservatives</b> | 0.01% (w/v) Sodium Azide   |
| <b>Purity</b>               | <p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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, Human IgG, Human IgG F(c) and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG F(ab) or Bovine, Horse, Mouse and Rat Serum Proteins.</p> |
| <b>Immunogen</b>            | Human IgG F(c) fragment  |
| <b>Tested applications</b>  | ELISA, IHC, WB   |

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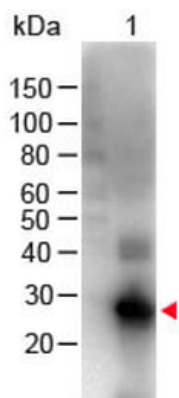
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|                          |   |
|--------------------------|---|
| <b>Dilution range</b>    | ELISA: 1:125,000 - 1:175,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000  |
| <b>Application notes</b> | F(ab') <sub>2</sub> Anti-Human IgG F(c) Biotin Antibody has been tested by ELISA and western blot and is assayed against 1.0 µg of Human IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:12,000 to 1:50,000 is suggested for this product. Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. |
| <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   |



Western Blot of Goat anti-F(ab')<sub>2</sub> Human IgG F(c) Antibody  
 Biotin Conjugated Pre-Adsorbed Lane 1: Human Fc Load: 100 ng  
 per lane Primary Antibody: F(ab')<sub>2</sub> Human IgG F(c) Antibody  
 Biotin Conjugated Pre-Adsorbed at 1:1000 for 60 min RT  
 Secondary antibody: HRP Conjugated Streptavidin at 1:40000  
 for 30 min at RT Block: orb348637 for 30 min at RT  
 Predicted/Observed Size: 28 kDa/28 kDa

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