

## Product Datasheet

### F(ab')<sub>2</sub> Human IgG F(ab')<sub>2</sub> Antibody Biotin Conjugated Pre-Adsorbed (orb348202)

<b>Description</b>	F(ab') <sub>2</sub> Human IgG F(ab') <sub>2</sub> antibody (Biotin)
<b>Species/Host</b>	Goat
<b>Reactivity</b>	Human
<b>Conjugation</b>	Biotin
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Human IgG F(ab') <sub>2</sub> fragment
<b>Preservatives</b>	0.01% (w/v) Sodium Azide
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	1.0 mg/mL
<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>Application notes</b>	F(ab') <sub>2</sub> Anti-Human IgG F(ab') <sub>2</sub> Biotin Antibody has been tested by ELISA and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
<b>Isotype</b>	IgG F(ab') <sub>2</sub>
<b>Clonality</b>	Polyclonal

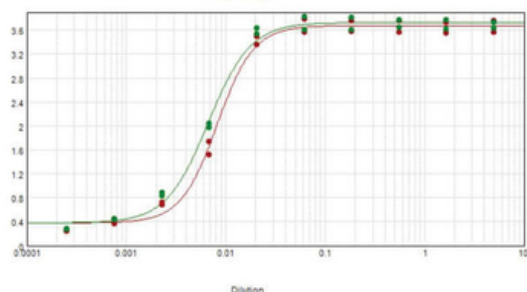
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<b>Purity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum, Human IgG, Human IgG F(ab') <sub>2</sub> and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG F(c) or Bovine, Horse, Mouse, and Rat Serum Proteins.
<b>Dilution Range</b>	ELISA: 1:500,000, IHC: 1:1,000 - 1:5,000, WB: 1:5,000 - 1:40,000
<b>Expiration Date</b>	12 months from date of receipt.



ELISA results of purified Goat F(ab')<sub>2</sub> Anti-HUMAN IgG F(ab')<sub>2</sub> Biotin Conjugated Antibody (Min X Bv Hs Ms & Rt Serum Proteins) tested against purified HUMAN IgG F(ab')<sub>2</sub>. Each well was coated in duplicate with 1.0 µg of HUMAN IgG F(ab')<sub>2</sub> (green line). 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.

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