

## Product Datasheet

### Human IgG F(ab')<sub>2</sub> Antibody Peroxidase Conjugated Pre-Adsorbed (orb347296)

<b>Catalog Number</b>	orb347296
<b>Description</b>	Human IgG F(ab') <sub>2</sub> antibody (Peroxidase)
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human
<b>Conjugation</b>	HRP
<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) Gentamicin Sulfate. Do NOT add 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>	Anti-Human IgG F(ab') <sub>2</sub> Peroxidase Antibody has been tested by ELISA and is assayed against 1.0 ug of Human IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:8,500 to 1:72,000 of the reconstitution concentration is suggested for this product. This product is also suitable for Western Blot and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user.

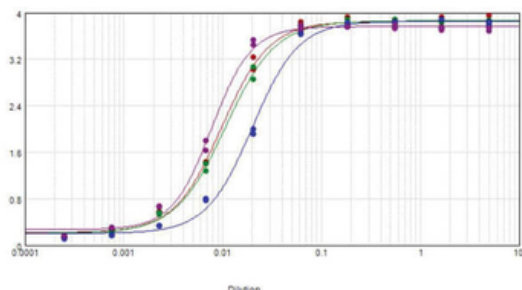
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<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Antibody Type</b>	Secondary Antibody
<b>Purity</b>	Anti-Human IgG F(ab') <sub>2</sub> antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Human IgG, Human IgG F(ab') <sub>2</sub> and Human Serum. No reaction was observed against Human IgG F(c) or Mouse Serum Proteins.
<b>Dilution Range</b>	ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000
<b>Expiration Date</b>	12 months from date of receipt.



ELISA results of purified Rabbit Anti-Human IgG F(ab')<sub>2</sub> Peroxidase Conjugated Antibody 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> (blue 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.

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