

## Product Datasheet

# Goat IgG F(ab')<sub>2</sub> Antibody Peroxidase Conjugated Pre-Adsorbed (orb346995)

<b>Description</b>	Goat IgG F(ab') <sub>2</sub> antibody (Peroxidase)
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Goat
<b>Conjugation</b>	HRP
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Goat 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-Goat IgG F(ab') <sub>2</sub> Peroxidase Antibody has been tested by ELISA. This product has been assayed against 1.0 µg of Goat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:8,000 to 1:62,000 of the reconstitution concentration is suggested for this product.
<b>Isotype</b>	IgG

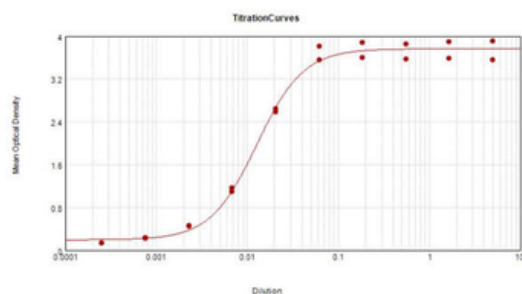
### Biorbyt Ltd.

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

### Biorbyt LLC.

68 TW Alexander Drive,  
Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+1(415)9065211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)6518558)

<b>Clonality</b>	Polyclonal
<b>Antibody Type</b>	Secondary Antibody
<b>Purity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat 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, Goat IgG, Goat IgG F(ab') <sub>2</sub> and Goat Serum. No reaction was observed against Goat IgG F(c) or Human 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-Goat IgG F(ab')<sub>2</sub> Antibody Peroxidase Conjugated tested against purified Goat IgG F(ab')<sub>2</sub>. Each well was coated in duplicate with 1.0 µg of Goat IgG F(ab')<sub>2</sub>. 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.

**Biorbyt Ltd.**

7 Signet Court, Swann's Road,  
Cambridge, CB5 8LA, United Kingdom  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+44 \(0\) 1223 859-353](tel:+44201223859353) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)

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Durham, NC, 27713, United States  
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)  
Phone: [+1 \(415\) 906-5211](tel:+14159065211) | Fax: [+1 \(415\) 651-8558](tel:+14156518558)