

## Product Datasheet

### Goat IgG (H&L) Antibody Biotin Conjugated (orb347045)

|                      |                                                                                                                                                                                                                                                                |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog Number       | orb347045                                                                                                                                                                                                                                                      |
| Category             | Antibodies                                                                                                                                                                                                                                                     |
| Description          | Goat IgG (H&L) antibody (Biotin)                                                                                                                                                                                                                               |
| Clonality            | Polyclonal                                                                                                                                                                                                                                                     |
| Species/Host         | Gallus                                                                                                                                                                                                                                                         |
| Isotype              | IgG                                                                                                                                                                                                                                                            |
| Conjugation          | Biotin                                                                                                                                                                                                                                                         |
| Reactivity           | Goat                                                                                                                                                                                                                                                           |
| Form/Appearance      | Lyophilized                                                                                                                                                                                                                                                    |
| Concentration        | 1.0 mg/mL                                                                                                                                                                                                                                                      |
| Buffer/Preservatives | 0.01% (w/v) Sodium Azide                                                                                                                                                                                                                                       |
| Purity               | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Chicken Serum, Goat IgG and Goat Serum. |
| Immunogen            | Goat IgG whole molecule                                                                                                                                                                                                                                        |
| Tested applications  | ELISA, IHC, WB                                                                                                                                                                                                                                                 |
| Dilution range       | ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000                                                                                                                                                                                    |

#### Biorbyt Ltd.

7 Signet Court, Swann 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 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

#### Biorbyt LLC

68 TW Alexander Drive  
Research Triangle Park  
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)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

**Application notes**

Anti-Goat IgG Biotin Antibody has been tested by ELISA and is assayed against 1.0 ug of Goat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and 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 1:50,000 to 1:200,000 is suggested for this product.

**Antibody Type**

Secondary Antibody

**Storage**

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.

**Note**

For research use only

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

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68 TW Alexander Drive  
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NC 27713  
United States

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Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)