

## Product Datasheet

### Rabbit IgG Fc Antibody Biotin Conjugated (orb347703)

|                            |   |
|----------------------------|---|
| <b>Description</b>         | Rabbit IgG F(c) antibody (Biotin)   |
| <b>Species/Host</b>        | Goat  |
| <b>Reactivity</b>          | Rabbit  |
| <b>Conjugation</b>         | Biotin  |
| <b>Tested Applications</b> | ELISA, IHC, WB  |
| <b>Immunogen</b>           | Rabbit IgG F(c) fragment  |
| <b>Preservatives</b>       | 0.01% (w/v) Sodium Azide  |
| <b>Form/Appearance</b>     | Lyophilized   |
| <b>Concentration</b>       | 2.0 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>   | This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms  |
| <b>Isotype</b>             | IgG   |
| <b>Clonality</b>           | Polyclonal  |

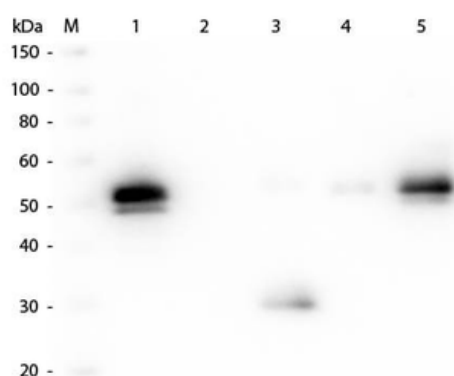
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|                        |   |
|------------------------|---|
| <b>Purity</b>          | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Goat Serum, Rabbit IgG, Rabbit IgG F(c) and Rabbit Serum. No reaction was observed against Rabbit IgG F(ab). |
| <b>Dilution Range</b>  | ELISA: 1:20,000 - 1:200,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:20,000   |
| <b>Expiration Date</b> | 12 months from date of receipt.   |



Western Blot of Anti-Rabbit IgG F(c) (GOAT) Antibody (p/n orb347661). Lane M: 3  $\mu$ l Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n orb2652747). Lane 2: Rabbit IgG F(ab) Fragment (p/n orb2652745). Lane 3: Rabbit IgG F(c) Fragment (p/n orb346280). Lane 4: Rabbit IgM Whole Molecule (p/n orb346313). Lane 5: Normal Rabbit Serum. All samples were reduced. Load: 50 ng of IgG, F(ab), IgM and Serum, 100 ng of F(c). Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG F(c) (GOAT) Antibody (p/n orb347661) 1:2000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40000 in orb348637 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.

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