

## Product Datasheet

# Sheep IgG Fc Antibody Biotin Conjugated Pre-Adsorbed (orb347941)

<b>Catalog Number</b>	orb347941
<b>Category</b>	Antibodies
<b>Description</b>	Sheep IgG F(c) antibody (Biotin)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Biotin
<b>Reactivity</b>	Sheep
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	0.5 mg/mL
<b>Buffer/Preservatives</b>	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Purity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep 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-Rabbit Serum, Sheep IgG, Sheep IgG F(c) and Sheep Serum. No reaction was observed against Sheep IgG F(ab') <sub>2</sub> or Human Serum Proteins.
<b>Immunogen</b>	Sheep IgG F(c) fragment

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<b>Tested applications</b>	ELISA, IHC, WB
<b>Dilution range</b>	ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
<b>Application notes</b>	This product has been assayed against 1.0 ug of Sheep IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:17,000 to 1:73,000 is suggested for this product for ELISA. Reconstitution Buffer: Restore with deionized water (or equivalent). Reconstitution Volume: 500 µL
<b>Antibody Type</b>	Secondary Antibody
<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>Expiration Date</b>	12 months from date of receipt.

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