

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Luciferase Antibody Biotin Conjugated, Goat, Polyclonal BYT-ORB344290

Article Name	Luciferase Antibody Biotin Conjugated, Goat, Polyclonal
Biozol Catalog Number	BYT-ORB344290
Supplier Catalog Number	orb344290
Alternative Catalog Number	BYT-ORB344290-100
Manufacturer	Biorbyt
Host	Goat
Category	Antikörper
Application	ELISA, WB
Immunogen	Luciferase [Photinus pyralis (Firefly)]
Conjugation	Biotin
Product Description	Luciferase antibody (Biotin)...
Clonality	Polyclonal
Concentration	1.0 mg/mL
Buffer	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

Purity	Anti-Luciferase Biotin Conjugated is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Biotin, anti-Goat Serum as well as purified and partially purified Luciferase [ <i>Photinus pyralis</i> (Firefly)]. No reactivity is observed against Sea pansy ( <i>Renilla reniformis</i> ) luciferase.
Form	Lyophilized
Application Dilute	ELISA: 1:10,000 - 1:25,000, WB: 1:1,000 - 1:5,000
Application Notes	<p>Application Notes: Anti-Luciferase Peroxidase conjugated antibody is produced from <i>Photinus pyralis</i> (Firefly) which produces a green light with a wavelength of 562 nm. Anti-Luciferase Antibody has been tested by ELISA and western blot. Expect a band at approximately 60.7 kDa in size corresponding to Luciferase by western blotting in the appropriate cell lysate or extract. Anti-Luciferase has been assayed against 1.0 ug of Luciferase in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code as a substrate for 30 minutes at room temperature. A working dilution of 1:80,000 to 1:310,000 of the reconstitution concentration is suggested for this product. Reconstitution Buffer: Restore with deionized water (or equivalent). Reconstitution Volume: 100 <math>\mu</math>L</p>