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Product Datasheet

Luciferase Antibody Peroxidase Conjugated, HRP, Goat, Polyclonal BYT-ORB344241

Article Name	Luciferase Antibody Peroxidase Conjugated, HRP, Goat, Polyclonal
Biozol Catalog Number	BYT-ORB344241
Supplier Catalog Number	orb344241
Alternative Catalog Number	BYT-ORB344241-100
Manufacturer	Biorbyt
Host	Goat
Category	Antikörper
Application	ELISA, WB
Immunogen	Luciferase [Photinus pyralis (Firefly)]
Conjugation	HRP
Product Description	Luciferase antibody (Peroxidase)...
Clonality	Polyclonal
Concentration	1.0 mg/mL
Buffer	Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add 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	This product 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-Peroxidase, 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: 1:2,000 - 1:30,000, WB: 1:500 - 1:2,000
Application Notes	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 Peroxidase 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 [<i>Photinus pyralis</i> (Firefly)] in a standard capture ELISA using ABTS (2,2-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:50,000 to 1:200,000 of the reconstitution concentration is suggested for this product