

## Product datasheet for R1460HRP

### Cyanine Dyes Sheep Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IP
Recommended Dilution:	Suitable for Immunoblotting (Western or dot blot), ELISA, Immunoperoxidase Electron Microscopy and Immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. <u>Recommended Dilution(s)</u> : This product has been assayed against 1.0 µg of Cyanine conjugated Sheep IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,500 to 1:6,000 is suggested for this product.
Host:	Sheep
Clonality:	Polyclonal
Immunogen:	A mixture of Cy3 and Cy5 conjugated KLH
Specificity:	This product was prepared from monospecific antiserum by Immunoaffinity chromatography using a cyanine BSA conjugate coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by Immuno-electrophoresis resulted in a single precipitin arc against anti-Sheep Serum, anti-Peroxidase and cyanine conjugated IgG. Reactivity was observed against Cy2, Cy3 and Cy5. Reactivity against other cyanine analog is unknown.
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% Gentamicin Sulfate as preservative and 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer. Label: HRP State: Lyophilized purified Ig fraction Label: Horseradish Peroxidase (MW 40,000 daltons)
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	HRP



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**Storage:** Store vial at 2-8°C prior to restoration. For extended storage mix with glycerol to 50% and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid. Dilute only prior to immediate use.  
Avoid repeated freezing and thawing.

**Stability:** Shelf life: one year from despatch.