

Product datasheet for R1460B

Cyanine Dyes Sheep Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FC, IF, IHC
Recommended Dilution:	Suitable for Immunoblotting, ELISA, Immunohistochemistry, Immunomicroscopy as well as other antibody based assay using streptavidin or avidin conjugates requiring lot-to-lot consistency. <u>Recommended dilutions:</u> This product has been assayed against 1.0 ug of Cyanine IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:8,000 to 1:40,000 of the reconstitution concentration 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 immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-sheep serum and cyanine conjugated IgG. Reactivity was observed against Cy2, Cy3 and Cy5. Reactivity against other cyanine analogs is unknown
Formulation:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, containing 0.01% Sodium Azide as preservative and 10 mg/ml BSA as stabilizer, IgG and Protease free. Label: Biotin State: Lyophilized purified Ig fraction Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Molar ratio: 10-20 BAC molecule per sheep IgG molecule.
Reconstitution Method:	Restore with 1.0 ml of deionized water (or equivalent).
Concentration:	lot specific
Purification:	Immunoaffinity chromatography
Conjugation:	Biotin



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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.