

## Product datasheet for R1460F

### Cyanine Dyes Sheep Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	FC, IF
<b>Recommended Dilution:</b>	Suitable for Immunomicroscopy and Flow Cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency.
<b>Host:</b>	Sheep
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	A mixture of Cy3 and Cy5 conjugated KLH
<b>Specificity:</b>	<p>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.</p> <p>Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-Sheep Serum and cyanine conjugated IgG.</p> <p>Reactivity was observed against Cy2, Cy3 and Cy5. Reactivity against other cyanine analog is unknown.</p>
<b>Formulation:</b>	<p>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 0.01% Sodium Azide as preservative and 10 mg/ml Bovine Serum Albumin (BSA, IgG and Protease free) as stabilizer.</p> <p>Label: FITC</p> <p>State: Lyophilized purified Ig fraction</p> <p>Label: Fluorescein isothiocyanate (MW 390 daltons)</p> <p>Absorption emission: 495 nm / 528 nm</p> <p>Molar ratio: 4.0 moles FITC per mole of Sheep IgG</p>
<b>Reconstitution Method:</b>	Restore with 1.0 ml of deionized water (or equivalent).
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Immunoaffinity chromatography
<b>Conjugation:</b>	FITC
<b>Storage:</b>	<p>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.</p> <p>Avoid repeated freezing and thawing.</p>



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