

**Cy3 CONJUGATED  
AFFINITY PURIFIED  
SECONDARY ANTIBODY**

- DESCRIPTION:** Whole molecule, absorbed for dual labeling, or F(ab')<sub>2</sub> fragment affinity purified antibody, Cy3 conjugated.
- QUANTITY:** Indicated on individual vials
- PURIFICATION:** This antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.
- FLUOROPHORE/  
PROTEIN:** Approximately 2.25 – 2.8 (A552/A280)
- WAVELENGTH:** Absorption peak=550 nm, Emission peak= 570 nm
- APPLICATIONS:** Suggested dilution for most applications: 1:100-1:800  
Optimal working dilutions must be determined by the end user.
- FORMAT:** Lyophilized. Buffer = 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6 with 15 mg/mL BSA, 0.01% Thimerosal and 0.05% sodium azide.
- RECONSTITUTION:** Reconstitute to 1 mg/mL with dH<sub>2</sub>O
- STORAGE:** Maintain lyophilized product at 2-8°C for up to 12 months. After reconstitution the product is stable for several weeks at 2-8°C as an undiluted liquid. For extended storage after reconstitution, add an equal volume of glycerol to make a final concentration of 50% glycerol (ACS or better grade) followed by storage at -20°C in undiluted aliquots for up to 6 months. Please note the concentration of protein (and buffer salts) will decrease to one-half of the original after the addition of glycerol. Avoid repeated freeze/thaw cycles.
- WARNING:** For cyanine dye-labeled tissue or cells, use of mounting media containing phenylenediamine as an anti-fading reagent may result in weak or diffused fluorescence after storage of stained slides.

*For research use only; not for use as a diagnostic.*