ProLong® Gold Antifade Reagent

10 ml

For Research Use Only. Not for Use in Diagnostic Procedures.

Species Cross-Reactivity: All

Applications: IF-IC, IF-F

Background: ProLong® Gold Antifade Reagent offers enhanced resistance to photobleaching, is provided and ready to use, and causes little or no quenching of the fluorescent signal. The reagent cures within 24 hours and samples can be saved for months after mounting. This reagent is compatible with most dyes and is appropriate for use in multi-color labeling assays.

Directions for Use: Following immunostaining, cover samples with ProLong® Gold Antifade Reagent and coverslip.

To prevent fading, allow slides to cure in the dark, at room temperature for 24 hours, then seal the coverslips with clear lacquer, such as nail polish.

Proceed with imaging.

Storage: ProLong® Gold Antifade Reagent is stable for 12 months when stored, protected from light, at or below -20°C.

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Alexa Fluor® is a registered trademark of Molecular Probes, Inc.
DRAQ5® is a registered trademark of Biostatus Limited.

Confocal immunofluorescent analysis of COS-7 cells, mounted in either glycerol (upper panels) or ProLong® Gold Antifade Reagent (lower panels), using β-Actin (8H10D10) Mouse mAb #3700 and Anti-mouse IgG (H+L), F(ab')2 Fragment (Alexa Fluor® 555 Conjugate) #4409 (red) (0, 3.3, or 10 min of imaging).

Confocal immunofluorescent analysis of HeLa cells using β-Actin (8H10D10) Mouse mAb #3700 (red) and COX IV (3E11) Rabbit mAb (Alexa Fluor® 488 Conjugate) #4853 (green). Blue pseudocolor = DRAQ5® #4084 (fluorescent DNA dye).

Confocal immunofluorescent analysis of SNB19 cells using β-Actin (8H10D10) Mouse mAb #3700 (red), Vimentin (D21H3) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate) #9854 (green), and COX IV (3E11) Rabbit mAb (Alexa Fluor® 647 Conjugate) #7561 (blue).

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