

Store at -20°C

# ProLong® Gold Antifade Reagent

10 ml

#9071



**Cell Signaling**  
TECHNOLOGY®

**Support:** +1-978-867-2388 (U.S.)  
cellsignal.com/support

**Orders:** 877-616-2355 (U.S.)  
orders@cellsignal.com

## 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 premixed 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.

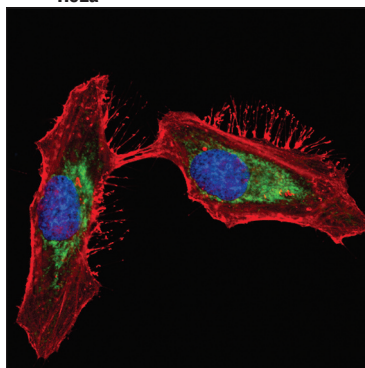
**Directions for Use:** Following immunostaining, cover samples with ProLong® Gold Antifade Reagent and coverslip.

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.

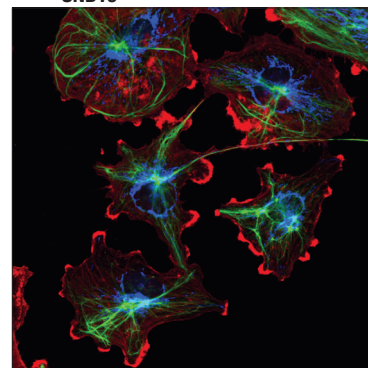
**Storage:** ProLong® Gold Antifade Reagent is stable for 12 months when stored, protected from light, at or below -20°C.

HeLa



Confocal immunofluorescent analysis of HeLa cells using  $\beta$ -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).

SNB19

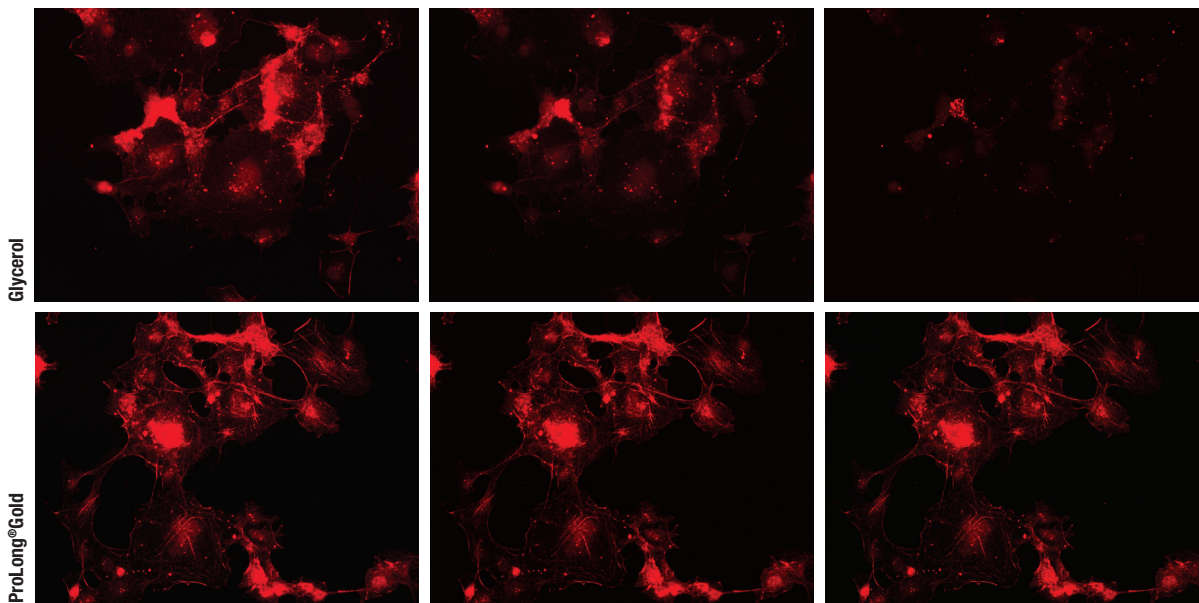


Confocal immunofluorescent analysis of SNB19 cells using  $\beta$ -Actin (8H10D10) Mouse mAb #3700 (red), Vimentin (D21H3) XP® Rabbit mAb (Alexa Fluor® 488 Conjugate) #9854 (green), and COX IV (3E11) Rabbit mAb (Alexa Fluor® 647 Conjugate) #7561 (blue).

0 sec

200 sec

600 sec



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

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DRAQ5® is a registered trademark of Biostatus Limited.

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**Applications:** W—Western IP—Immunoprecipitation IHC—Immunohistochemistry CHIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry FC-FP—Flow cytometry-Fixed/Permeabilized FC-L—Flow cytometry-Live E-P—ELISA-Peptide  
**Species Cross-Reactivity:** H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse  
**All**—all species expected. Species enclosed in parentheses are predicted to react based on 100% homology.