

DyLight™ Immunofluorescent Detection

Biocare DyLight™ fluors are a family of high-intensity, photostable, conjugated fluorescent dyes for immunofluorescent studies. DyLight™ dyes exhibit comparable fluorescence intensity and photostability to Alexa Fluor® and CyDye™ dyes. Biocare fluors remain highly fluorescent over a broad pH range (pH 4-9). Narrow emission spectra enable multi-color detection by minimizing cross talk. Increased photostability allows more time for collaborative interpretation of results.

DyLight detection is provided as concentrated secondary anti-mouse or anti-rabbit antibodies. Biocare's fluorescent signal amplification reagent may be added to the standard DyLight detection reagents to greatly increase the signal.

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- ▶ Spectrum and photosensitivity equivalent to Alexa Fluor® 488, 546, and 555

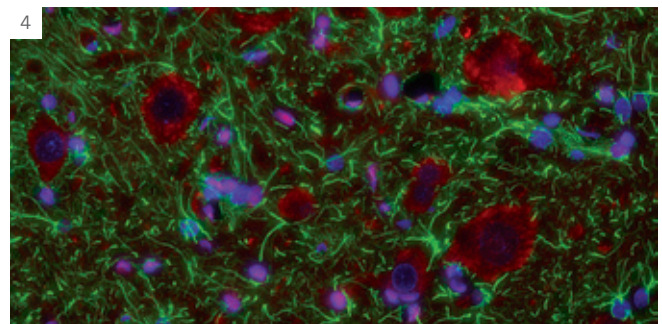
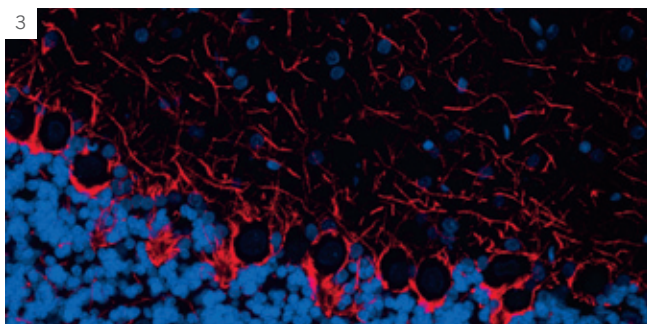
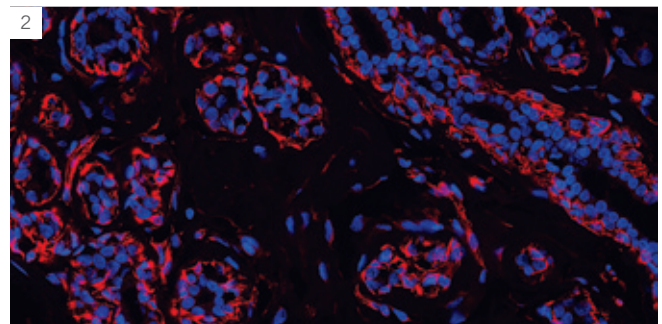
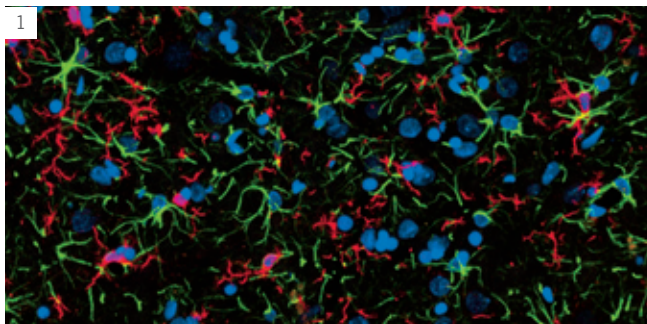
 - ▶ Room temperature photostability of ≥ 30 days

 - ▶ Proven on paraffin-embedded and frozen tissues and cell culture preparations

 - ▶ Fluorescent enhancement probe can amplify signal 3 to 5-fold

 - ▶ Advanced mountants simplify slide handling compared to PBS glycerol, while retaining non-toxic attributes

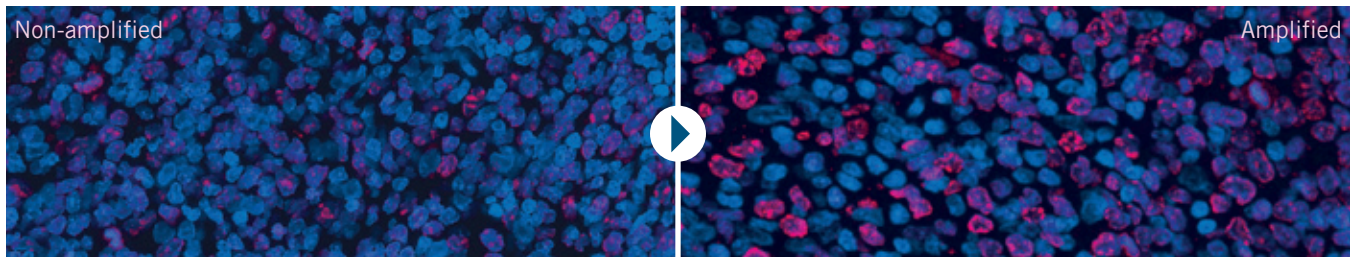
 - ▶ Compatible with Multiplex IHC™
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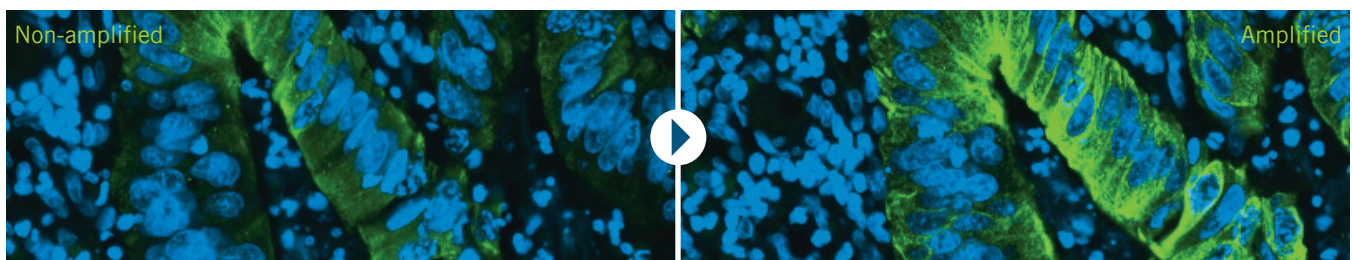
1 Rat spinal cord labeled with an antibody cocktail of GFAP (DyLight 488) + Microglia (DyLight 549). **2** Breast carcinoma labeled with Nestin & DyLight 549. **3** Rat cerebellum labeled for Neurofilament & DyLight 549. **4** Rat spinal cord labeled with a cocktail of nNOS (rabbit, DyLight 549) and GFAP (mouse, DyLight 488) antibodies.

Amplify Your Immunofluorescence

Biocare's fluorescent enhancement probe increases fluorescent signals 3 to 5-fold when used in combination with DyLight™ immunofluorescent detection kits. This increased sensitivity is perfect for advanced identification of low abundance proteins as well as routine work. Amplify your staining intensity for nuclear, cell membrane, and cytoplasmic antigens with Biocare's fluorescence enhancement probe technology.



Tonsil stained with Ki-67 antibody



Colon cancer stained with CK20 antibody

Ordering Information

DyLight Immunofluorescent Detection Kits	Cat. No.
Goat Anti-Mouse DyLight 488 Detection Kit	FDM488 AK, CK
Goat Anti-Mouse DyLight 549 Detection Kit	FDM549 AK, CK
Goat Anti-Mouse DyLight 594 Detection Kit	FDM594 AK, CK
Goat Anti-Rabbit DyLight 488 Detection Kit	FDR488 AK, CK
Goat Anti-Rabbit DyLight 549 Detection Kit	FDR549 AK, CK
Goat Anti-Rabbit DyLight 594 Detection Kit	FDR594 AK, CK
DyLight Immunofluorescent Detection Kits	Cat. No.
Fluorescence Enhancement Probe (for mouse primaries)	FP002 G, H
Fluorescence Enhancement Probe (for rabbit primaries)	FP003 G, H
DyLight Immunofluorescent Detection Kits	Cat. No.
Fluorescence Antibody Diluent	FAD901 H
Fluoro Care Anti-Fade Mountant	FP001 G5, G10

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