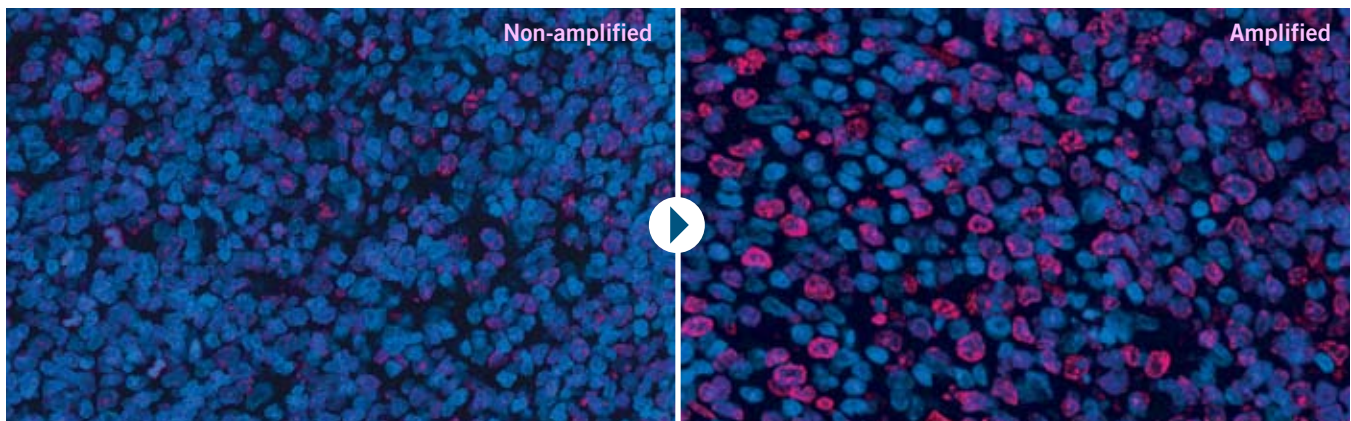


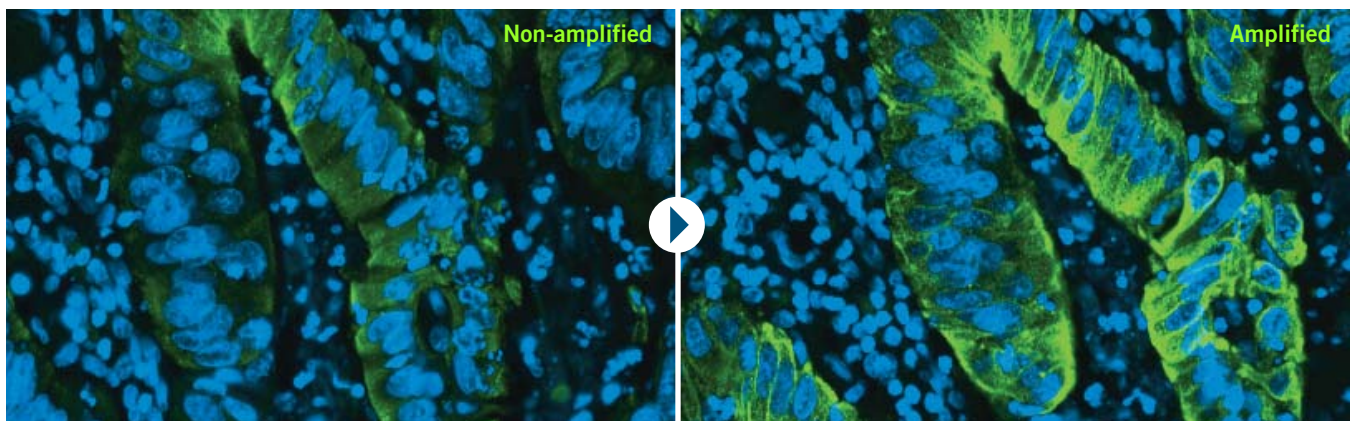
Amplify Your Immunofluorescence

Biocare signal amplification reagent 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.

- ▶ Signal amplification of 3 to 5-fold used with Biocare DyLight™ Detection Kits
- ▶ Proven on paraffin embedded and frozen tissues, and cell culture preparations
- ▶ Spectrum and photosensitivity equivalent to Alexa Fluor® 488, 546, and 555
- ▶ Superior to FITC and TRITC
- ▶ Multiplex detection protocols



Tonsil stained with Ki-67 antibody



Colon cancer stained with CK20 antibody

Flexible and Cost Effective IF Detection

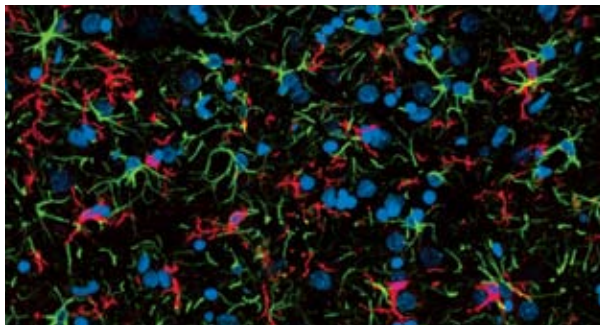
Biocare DyLight Immunofluorescent Detection Kits

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.

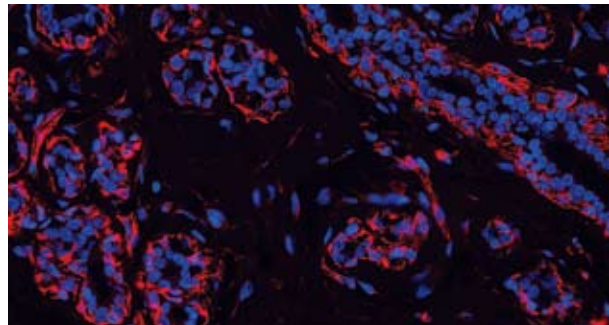
DyLight detection is provided as concentrated secondary anti-mouse or anti-rabbit antibodies. Biocare's fluorescent signal amplification reagent may be added to the standard DyLight detection kit to greatly increase the signal.

Increased photostability allows more time for collaborative interpretation of results.

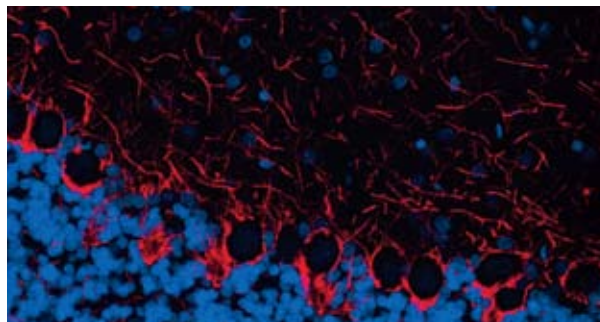
-
- ▶ Room temperature photostability of ≥ 30 days
-
- ▶ Advanced mountants simplify slide handling compared to PBS glycerol, while retaining non-toxic attributes
-
- ▶ Unique animal tissue blocking and antigen retrieval products reduce background
-
- ▶ Ideal for free floating sections, allowing thicker tissue sections (40 μ) than frozen or FFPE
-
- ▶ Larger sections greatly enhance optical fractionation and data quantification
-



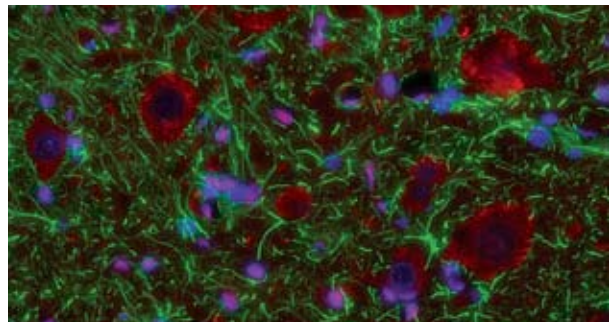
Rat spinal cord labeled with an antibody cocktail of GFAP (DyLight 488) + Microglia (DyLight 549) & detected with a secondary anti-mouse.



Breast carcinoma labeled with Nestin, DyLight 549

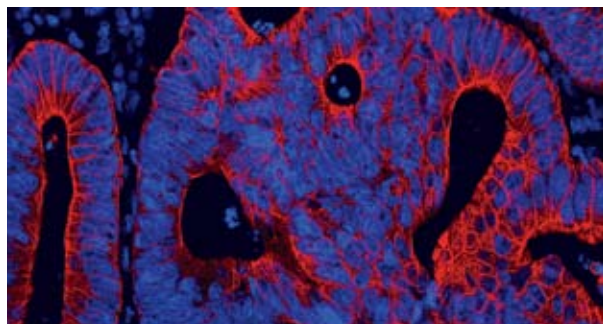


Rat cerebellum labeled for Neurofilament, DyLight 549



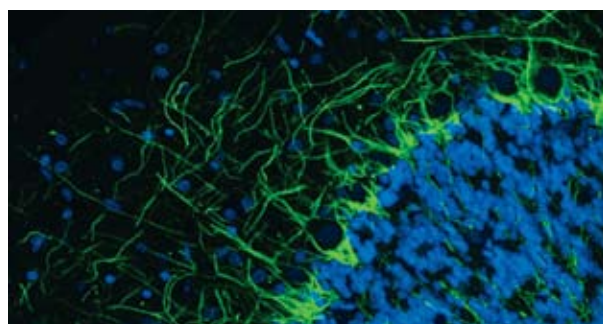
Rat spinal cord labeled with a cocktail of nNOS (rabbit, DyLight 549) and GFAP (mouse, DyLight 488) antibodies.

Brilliant Fluors



Colon carcinoma labeled with CK20. DyLight 549

- DyLight 549 fluoresces a brilliant orange-red similar to cyanine (Cy3), yet with greater photostability.



Rat cerebellum labeled with Neurofilament antibody. DyLight 488

- DyLight 488 fluoresces a vivid green and can be used as a photostable alternative to fluorescein isothiocyanate (FITC).

Primary Antibodies for Research

Biocare provides hundreds of concentrated and pre-diluted antibodies validated for use in tissue studies. Biocare's menu of antibodies provides a special emphasis on breast carcinoma and neurobiology markers.

Name	Concentrate Cat No.	Predilute Cat No.	Name	Concentrate Cat No.	Predilute Cat No.
Beta-Amyloid	CM333 AK		GFAP (P)	CP040 A,B,C	PP040 AA,H
Calbindin	CP331 AK		Microglia	CP290 A,B,C	PP290 AA
CD3 (M)	CM110 A,B,C	PM110 AA	Nestin	CP340 AK,CK	
CD3 (P)	CP215 A,B,C	CP215 AA, H	Neurofilament	CM066 A,B,C	PM066 AA
CMV Cocktail	CM118 A,B,C	PM118 A	nNOS	CM049 A,B,C	
CREB (RM)	CRM322 AK,BK		TTF-1	CM087 A,B,C	PM087 AA
GFAP (M)	CM065 A,B,C	PM065 AA	*A=0.1ml B=0.5ml C=1.0ml AA=6.0ml H=25.0ml		

The Leader in Sample Prep Innovation

Advanced HIER Antigen Retrieval

The patented and CE approved Biocare Decloaking Chamber™, provides advanced heat induced epitope retrieval (HIER) necessary for any fluorescent detection system using formalin-fixed paraffin-embedded tissues.



- ▶ Fully integrated digital control
- ▶ Programmable for both time and temperature
- ▶ Precise temperature control for fragile tissue

Immunofluorescence Products

DyLight Immunofluorescent Detection Kits	Size	Catalog Number
Goat Anti-Mouse DyLight 488 Detection Kit (diluent included)	0.1ml	FDM488AK
Goat Anti-Mouse DyLight 488 Detection Kit (diluent included)	1ml	FDM488CK
Goat Anti-Mouse DyLight 549 Detection Kit (diluent included)	0.1ml	FDM549AK
Goat Anti-Mouse DyLight 549 Detection Kit (diluent included)	1ml	FDM549CK
Goat Anti-Rabbit DyLight 488 Detection Kit (diluent included)	0.1ml	FDR488AK
Goat Anti-Rabbit DyLight 488 Detection Kit (diluent included)	1ml	FDR488CK
Goat Anti-Rabbit DyLight 549 Detection Kit (diluent included)	0.1ml	FDR549AK
Goat Anti-Rabbit DyLight 549 Detection Kit (diluent included)	1ml	FDR549CK
Signal Amplification Reagent (to be used with IF detection kits)	Size	Catalog Number
Fluorescence Enhancement Probe (Rabbit anti-mouse)	6ml	FP002G
Fluorescence Enhancement Probe (Rabbit anti-mouse)	25ml	FP002H
Fluorescence Enhancement Probe (Rabbit anti-mouse)	100ml	FP002L
Fluorescence Enhancement Probe (Mouse anti-rabbit)	6ml	FP003G
Fluorescence Enhancement Probe (Mouse anti-rabbit)	25ml	FP003H
Fluorescence Enhancement Probe (Mouse anti-rabbit)	100ml	FP003L
Diluents and Mountants	Size	Catalog Number
Fluorescence Antibody Diluent	25ml	FAD901H
Fluorescence Antibody Diluent	100ml	FAD901L
Fluoro Care Anti-Fade Mountant	5ml	FP001G5
Fluoro Care Anti-Fade Mountant	10ml	FP001G10
HIER Antigen Retrieval	Size	Catalog Number
Decloaking Chamber Pro, CE approved	12" x 11"	DC2002-CE
Decloaking Chamber Pro, 220V	12" x 11"	DC2002-220

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