

CATALOG #: 270, 272

SHIPPING

Available in multiple sizes:

<u>Cat. #</u>	<u>Description</u>	<u>Volume</u>
270S	Without DAPI	10 mL
270L	Without DAPI	25 mL
272S	With DAPI	10 mL
272L	With DAPI	25mL

STORAGE

Store at 4°C for at least 1 year

Light-sensitive

DESCRIPTION

FadeStop™ fluorescent mounting medium is specially formulated to prolong the intensity of the fluorescence used in immunocytochemical and immunohistochemical staining. Our products can keep the fluorescent dyes from photobleaching for at least four months if the slides are stored at –20°C.

PROTOCOLS

1. Apply one drop (approximately 20 µL) of FadeStop™ fluorescent mounting medium onto the coverslip, slide, or chamber slide containing the specimen. The amount of the medium is determined by the size of the specimen. As a general rule, apply just enough to cover the specimen area under the coverslip.
2. Seal the coverslip with quick-dry nail polish to prevent leakage of the mounting medium. Apply four drops of nail polish to each side of the coverslip to secure the coverslip. Then, seal all the sides of the coverslip with nail polish.
3. Take images immediately or store the slides at –20°C for up to four months.

SUPPORT

INFO@GENUINBIOTECH.COM
(540) 739-3978

ORDERS

SALES@GENUINBIOTECH.COM
(540) 739-3978

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VALIDATION

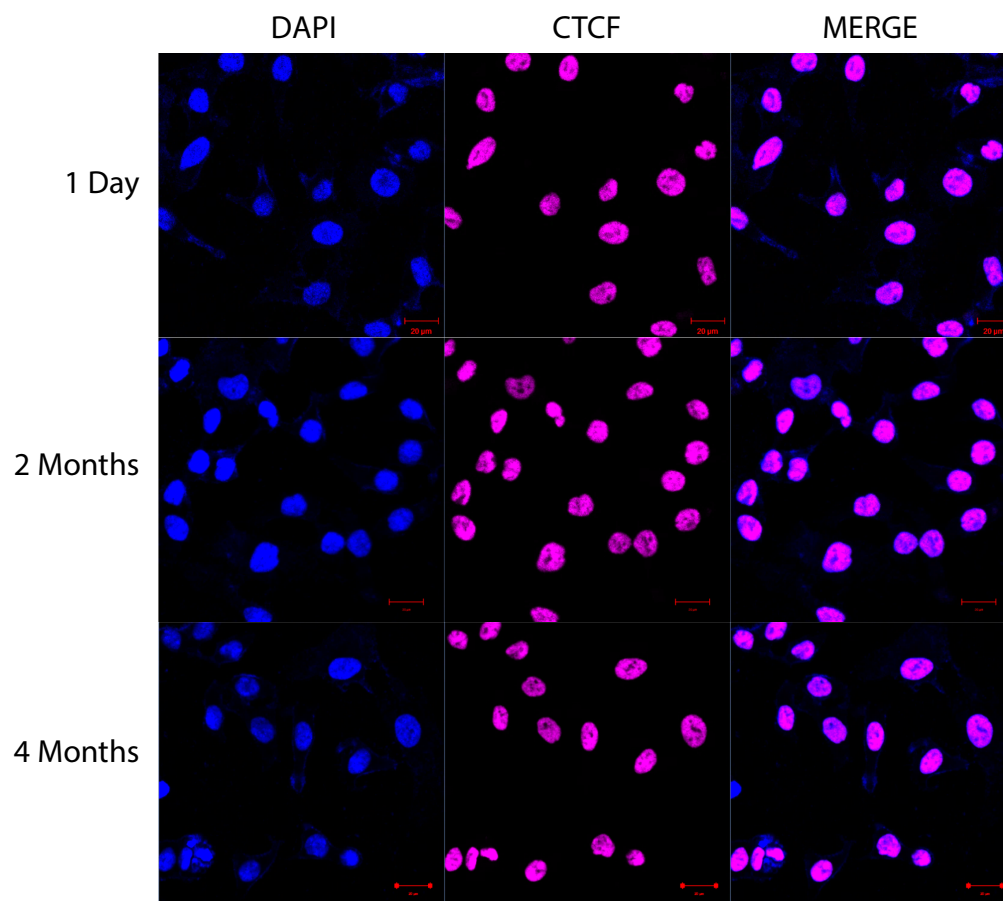


Figure 1. HeLa cells were stained with CTCF antibody and mounted in FadeStop™ fluorescent mounting medium containing DAPI (Cat. #272). Images were taken 1 day, 2 months, and 4 months after immunofluorescent staining using a Zeiss LSM 880 confocal laser scanning microscope. Nuclei were stained blue with DAPI. ACTB was stained magenta with Alexa Fluor 647. Scale bars: 20 μ m.

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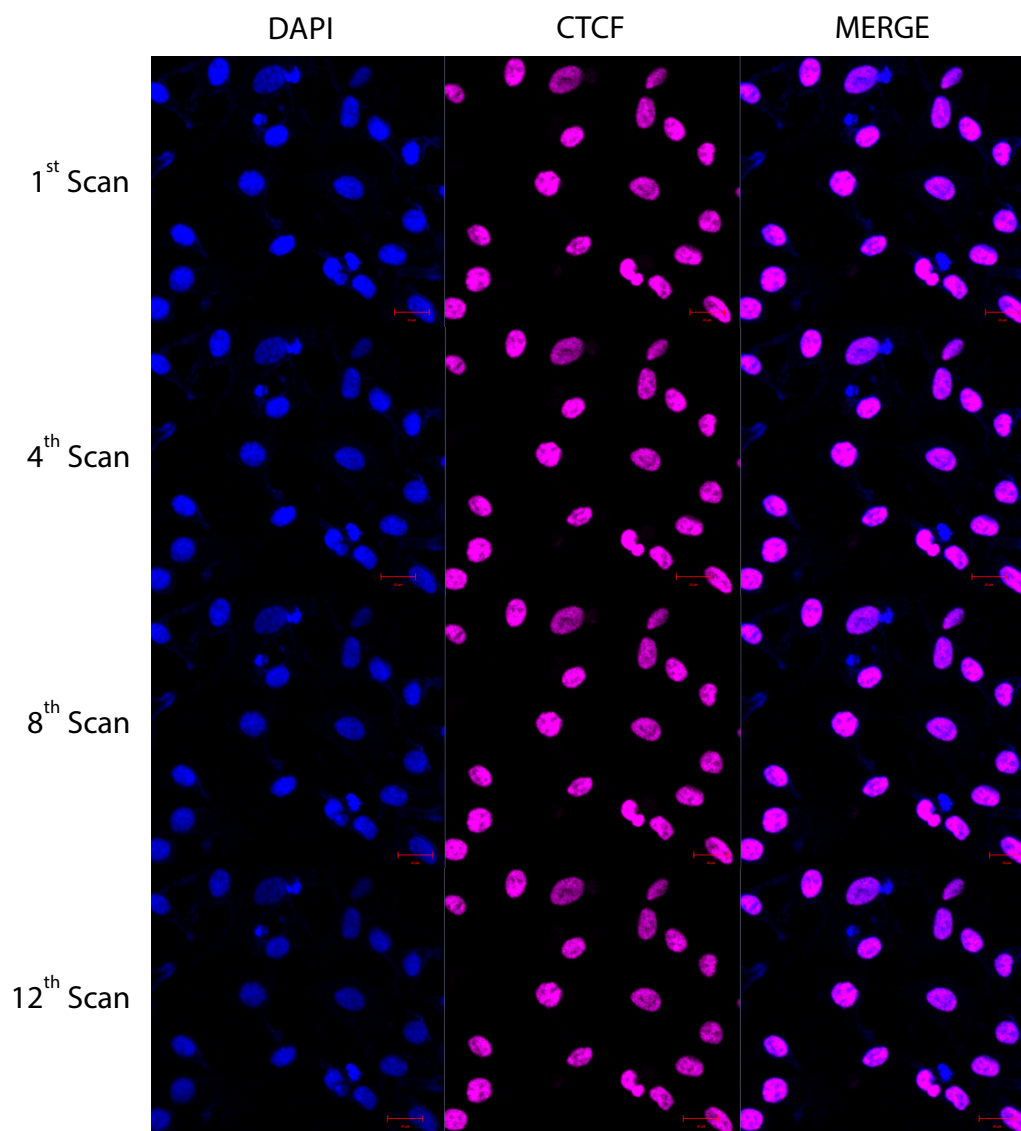


Figure 2. HeLa cells were stained with CTCF antibody and mounted in FadeStop™ fluorescent mounting medium containing DAPI (Cat. #272). The slide was stored at -20°C for 1 month before imaging using a Zeiss LSM 880 confocal laser scanning microscope. A series of scans were performed to assess the photobleaching speed of the fluorescent dye. Note that FadeStop™ fluorescent mounting medium effectively protected the fluorescence. Even after the 12th scan, the image quality remained high.

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