

# FADESTOP™ FLUORESCENT MOUNTING MEDIUM



SALES@GENUINBIOTECH.COM

REV: 03/25/2020

TEL NO.: 540-739-3978

## PRODUCT INFORMATION

Catalog	Volume	Description
270S	10 mL	Without DAPI
270L	25 mL	Without DAPI
272S	10 mL	With DAPI
272L	25 mL	With DAPI

## 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.

## STORAGE

Store at 4°C

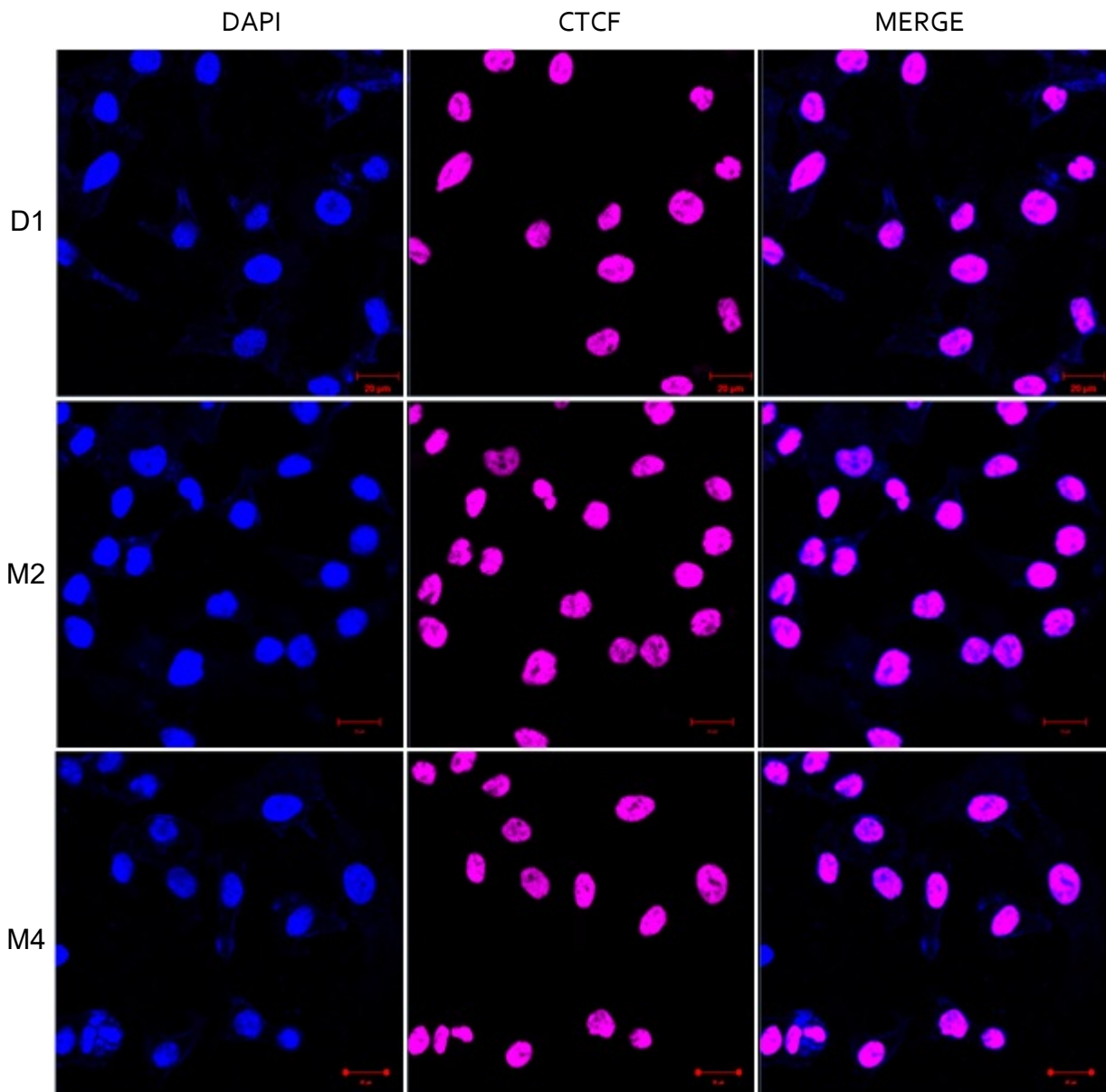
Light sensitive

## APPLICATION

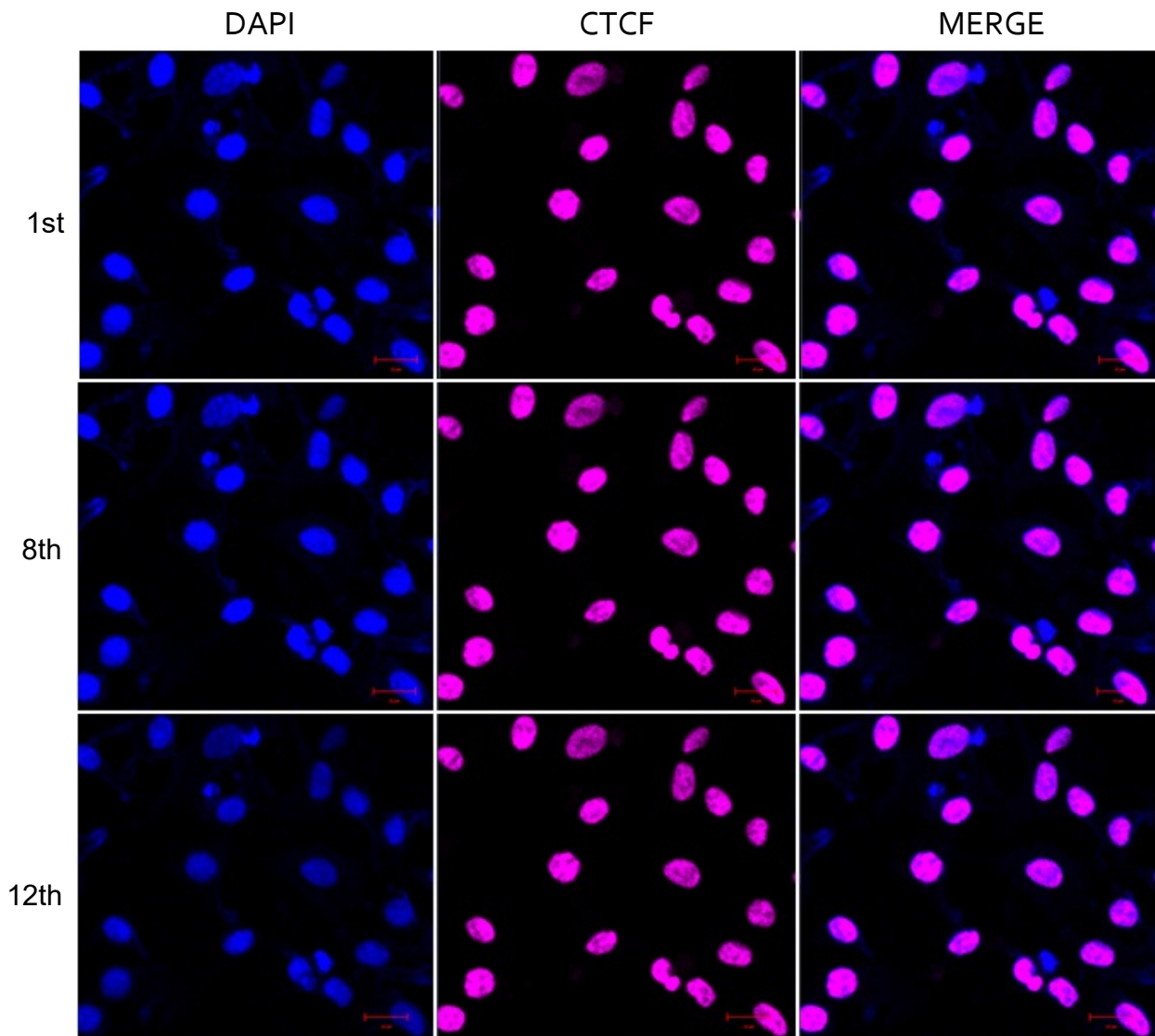
1. Apply one drop (approximately 20 µL) of FadeStop™ fluorescent mounting medium onto the coverslip, slide, or chamber slide containing the specimen. The amount of the medium is determined by the size of the specimen. As a general rule, apply just enough to cover the specimen area under the coverslip.
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  $-20^{\circ}\text{C}$  for up to four months.

## QUALITY TESTING DATA



**Figure 1.** HeLa cells were stained with anti-CTCF antibody and mounted in FadeStop™ fluorescent mounting medium. Images were taken 1 day (D1), 2 months (M2), and 4 months (M4) after staining using Zeiss LSM 880 confocal laser scanning microscope. Nuclei were stained blue with DAPI. ACTB was stained magenta with Alexa Fluor® 647. Scale bars, 20 μm.



**Figure 2.** HeLa cells were stained with CTCF antibody and mounted in FadeStop™ fluorescent mounting medium. 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 even after 12<sup>th</sup> scan, the image quality was still high. Scale bars, 20 μm.

## FADESTOP™ FLUORESCENT MOUNTING MEDIUM



### DESCRIPTION

FadeStop™ fluorescent mounting medium is uniquely formulated to prolong the intensity of fluorescence in cells in immunocytochemical and immunohistochemical staining. This glycerol-based mountant can be applied directly to coverslips or microscope slides with fixed fluorescence-stained cells or tissues.

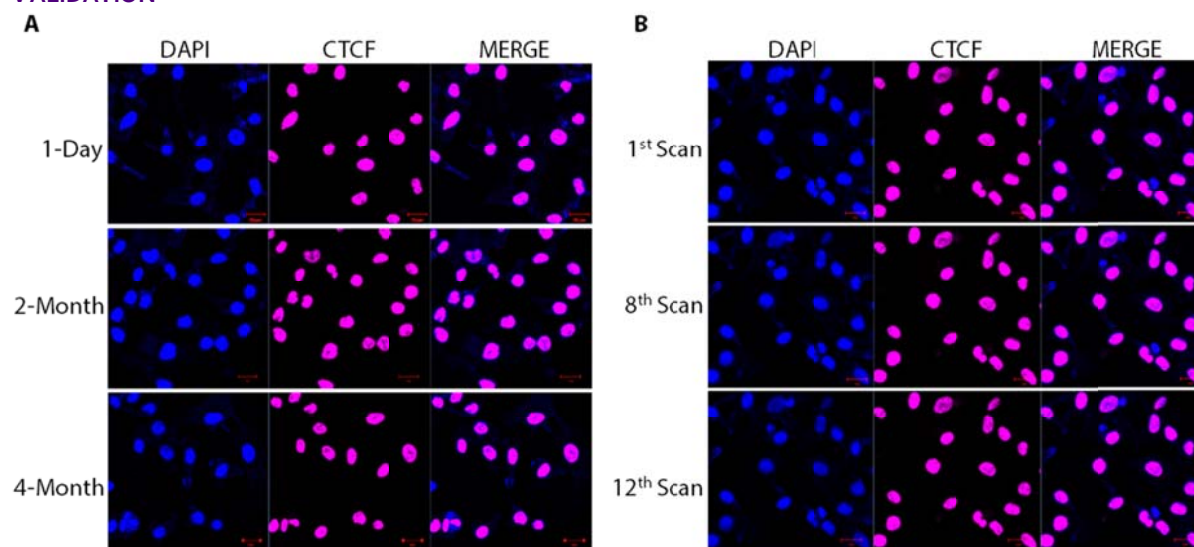
### KEY FEATURES

- Inhibits broad spectrum fluorescent dyes from photobleaching
- Preserves fluorescence for up to 4 months in storage at  $-20^{\circ}\text{C}$
- Protects the intensity of fluorescent dyes during continuous laser scanning
- Easy-to-use and affordable
- Available with or without DAPI counterstain

### PRODUCTS

Cat. #	Description	Volume	Price
270S	FadeStop™ Fluorescent Mounting Medium	10 mL	\$89
270L	FadeStop™ Fluorescent Mounting Medium	25 mL	\$189
272S	FadeStop™ Fluorescent Mounting Medium with DAPI	10 mL	\$99
272L	FadeStop™ Fluorescent Mounting Medium with DAPI	25 mL	\$199

### VALIDATION



**Figure 1.** Anti-CTCF antibody and Alexa 647 stained HeLa cells mounted in FadeStop™ fluorescent mounting medium with DAPI (Cat. #272). (A) Images were taken at different fields on the same slide after 1day, 2 months, and 4 months of storage in  $-20^{\circ}\text{C}$ . (B) Twelve scans were performed at the same field on the same slide after 1 month of storage at  $-20^{\circ}\text{C}$ . Zeiss LSM 880 confocal laser scanning microscope was used. Scale bars: 20  $\mu\text{m}$ .

### SUPPORT

INFO@GENUINBIOTECH.COM  
PHONE: (540) 605-9777

### ORDERS

SALES@GENUINBIOTECH.COM  
FAX: (540) 605-9771

WWW.GENUINBIOTECH.COM

REV. 02/2020