

AF594-11-dUTP reagent

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CATALOG #
AAA178133

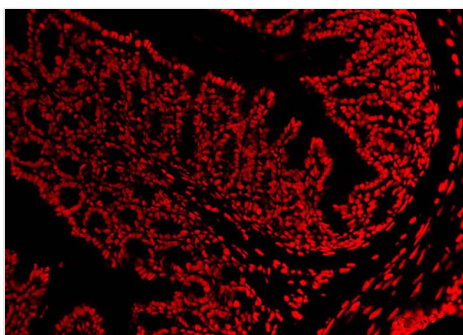
PRODUCT SYNONYMS

AF594-11-dUTP; Fluor 594-11-dUTP; AF594-11-dUTP reagent

PRODUCT SPECIFICATIONS

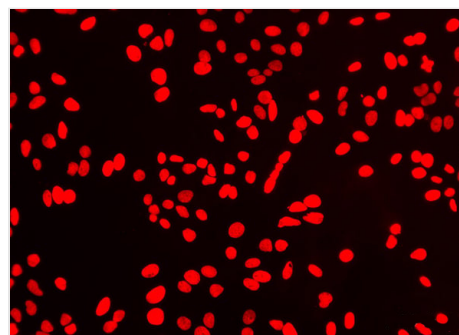
Samples	Paraffin section, frozen section, cell slide
Detection Instrument	Fluorescence Microscope
Dye Type	Fluor 594
Filter Set	TRITC
Detection Principle	Chromosome DNA breakage is an important marker event in cell apoptosis. A series of DNA 3'-OH terminus is produced by DNA double-strand breaks in apoptotic cells or whenever there is a gap in one strand. The fluorescently labeled dUTP can be linked to the 3'-OH terminus of the broken DNA under the action of terminal deoxynucleotidyl transferase (TdT). Fluorescence of dUTP conjugate can be detected by flow cytometer or fluorescence microscope.
Preparation and Storage	Store at -20 degree C, shading light Estimated Expiration: 12 months Shipping: Ice bag

IMAGES



Application Data

Paraffin embedded mouse colon was treated with DNase I to fragment the DNA. DNA strand breaks showed intense fluorescent staining in DNase I treated sample (red).



Application Data

HeLa cells were treated with DNase I to fragment the DNA. DNA strand breaks showed intense fluorescent staining in DNase I treated sample (Red).

ADDITIONAL INFORMATION

Product Categories/Family for AF594-11-dUTP reagent

Cell Apoptosis

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.