

Product Data Sheet

Product Name: Antifade Mounting Medium with DAPI
Cat. No.: GC26283

Features

Applications	Fluorescence microscopy/Confocal microscopy/Flow cytometry/Immunofluorescence
Shipping	Room temperature
Storage	Store at -20°C, protect from light.
Usage	For Research Use Only! Not For Use in Humans.

Protocol

Instructions for use:

1. Adherent cell sample:
 - a. After dyeing, suck up the liquid.
 - b. Put a drop of anti-fluorescence quenching sealing solution on the slide, cover the cover glass with cells, and let the cells contact the sealing solution to avoid bubbles as far as possible.
 - c. The cell sample can then be viewed under a fluorescence microscope.
2. Tissue section:
 - a. After dyeing, suck up the liquid.
 - b. Put a drop of anti-fluorescence quenching sealing solution on the tissue section, cover the cover glass, and let the section contact the sealing solution to avoid bubbles as far as possible.
 - c. Tissue sections can then be viewed under a fluorescence microscope.
 - d. After combining DAPI with double-stranded DNA, the maximum excitation wavelength is 364nm, and the maximum emission wavelength is 454nm.

Background

Anti fluorescence mounting medium with DAPI is a sealing reagent that contains the blue fluorescent dye DAPI in the nucleus and can slow down fluorescence quenching. This sealing solution can not only slow down the fluorescence quenching of various common fluorescent dyes, but also complete DAPI staining of the cell nucleus while sealing.

Caution: Product has not been fully validated for medical applications. For research use only.
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