

Product datasheet

Fluoroshield Mounting Medium With DAPI (100 ml) ab104140

5 References

Overview

Product name	Fluoroshield Mounting Medium With DAPI (100 ml)
Tested applications	Suitable for: ICC/IF
General notes	<p>Fluoroshield with DAPI is an aqueous mounting medium for preserving fluorescence of tissue and cell smears. This unique formula prevents rapid photobleaching of FITC, Texas Red, AMCA, Cy2, Cy3, Cy5, Alexa fluoro 488, Alexa fluoro 594, Green fluorescent protein (GFP), tetramethyl rhodamine, Redox. Phycoerythrin (RP-E), Phyocyanin (PC), and Allophycocyanin (APC). Fluorescence is retained during prolonged storage at 4°C in the dark. This medium does not contain phenylenediamine, which destroys immunofluorescence of Cy dyes, RP-E, PC and APC. This mounting medium is fortified with DAPI which is a counter-stain for DNA. This product is to be used in situ hybridization techniques or other methods where fluorescence of DNA staining is required. DAPI excites at 360nm and emits at 460nm, producing a blue fluorescence. RNA is also stained with DAPI. Procedure</p> <p>Bring the vial to room temperature.</p> <p>Rinse slide to be mounted with distilled or deionized, touch the edges of slide on a paper towel to remove excess water. Place slides on a flat surface.</p> <p>Turn the vial upside down and open the dropper to remove any air bubbles.</p> <p>Apply 3-4 drops of mounting medium directly on top of the specimen and spread out evenly by tilting slide back and forth or spread evenly with a 0.2 ml plastic pipette tip making sure the tissue is not touched. Excess medium can be removed by touching the edges of slide against paper towel.</p> <p>Let stand at room temperature for about 5 minutes.</p> <p>Apply cover slip carefully avoiding air bubbles.</p> <p>The specimen is ready for visualization under a microscope.</p> <p>One can seal the edges of cover slip with nail polish, any organic medium or our Organo mounting medium (ab104141). If a coverslip is not sealed air bubbles will appear in few days.</p> <p>For storage it is recommended that the slide be stored in the dark at 2-8°C.</p> <p>Removal of Coverslip</p> <p>Coverslip can be removed before sealing the edges. Soak slide in warm (37°C) distilled or deionized water for several minutes. Carefully and slowly move the coverslip. Soak in water for an additional few minutes to remove coverslip. Rinse slide several times with warm water to remove all mounting medium. The slide can be remounted again.</p>

Properties

Storage instructions	Store at +4°C. Do Not Freeze. Store In the Dark.
Storage buffer	Preservative: 0.05% Sodium azide Constituents: 0.0002% DAPI, 84% Water, Proprietary component

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab104140 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF		Use at an assay dependent dilution.

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