

Glycerol Mounting Medium - Anti-Fade with DAPI ab188804

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Overview

Product name

Glycerol Mounting Medium - Anti-Fade with DAPI

Product overview

Glycerol Mounting Medium with DAPI is an aqueous anti-fade mounting medium containing DABCO 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. Fluorescence is retained during prolonged storage at 4°C in the dark.

Previously called GLYCEROL MOUNTING Medium With DAPI and DABCO™

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.

Not recommended for phycoerythrin (PE), phycocyanin (PC) and allophycocyanin (APC).

Mounting media products

For fluorescent cell and tissue staining, Abcam recommends aqueous, anti-fade **Fluorescence Mounting Medium ab104135**, **Mounting Medium with DAPI ab104139**, and **Mounting Medium with PI ab104129**. For thick sections or tissues containing lots of fat, we recommend this product Glycerol Mounting Medium with DAPI ab188804.

For chromogenic immunohistochemistry, such as with DAB, AEC, or Fast Red, we recommend aqueous **Mounting Medium ab64230**, or organic **Limonene Mounting Medium ab104141**.

Protocol

Dehydration of Specimen is not required.

1. Bring the vial to room temperature.
2. Turn the vial upside down and open the dropper to remove any air bubbles.
3. Apply 1-2 drops of mounting medium directly; cover slip carefully avoiding air bubbles.
4. The specimen is ready for visualization under a microscope.
5. One can seal the edges of cover slip with nail polish or any organic medium.
6. Method for applying Coverslip: Put 1-2 drops of Mounting medium on the specimen. After 3-4 minutes apply coverslip carefully avoiding air bubbles. Put Kimwipes on the top of coverslip, press gently to remove excess mounting medium. With 200 micropipette add organic mounting medium to seal the edges.
7. For storage it is recommended that the slide be stored in the dark at 2-8oC.

Properties

Storage instructions

Store at +4°C. Please refer to protocols.

Components	20 ml	100 ml
Glycerol Mounting Medium with DAPI and DABCO™	1 x 20ml	1 x 100ml

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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