

## Product Information

### Duolink® In Situ Mounting Medium with DAPI

Catalog Number **DUO82040**

Storage Temperature 2–8 °C

#### Product Description

Duolink® In Situ Mounting Medium with DAPI is ideal for nuclear staining and preserving signals generated with the Duolink In Situ Detection Reagents for fluorescence microscopy.

Duolink In Situ Mounting Medium with DAPI prevents photobleaching of the PLA® signals as well as a range of other dyes, which can be used in combination with Duolink In Situ staining.

Note: Counterstaining with Cy™2 is not recommended.

This product contains 4',6-diamidino-2-phenylindole (DAPI). DAPI excites at ~360 nm and emits at ~460 nm when bound to DNA, producing a blue fluorescence. DAPI may also stain RNA.

#### Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Safety Data Sheet for information regarding hazards and safe handling practices.

#### Preparation Instructions

The Duolink In Situ Mounting Medium with DAPI is supplied ready to use.

#### Storage/Stability

Store the medium at 2–8 °C.

#### Procedure

Add a minimal volume of Duolink In Situ Mounting Medium with DAPI onto the cell or tissue section. Seal with a coverslip ensuring no air bubbles are present under the coverslip. Let the medium disperse over the entire section and wait for 15 minutes before analyzing the slide in a microscope.

Duolink In Situ Mounting Medium with DAPI does not solidify but remains a liquid on the slide. For use together with oil immersion microscopy or for prolonged storage, permanently seal the edges of the coverslip with nail polish or plastic sealant.

Mounted slides should be stored at –20 °C protected from light. Allow the mounted slides to reach room temperature before use.

The signals will remain for weeks if stored at –20 °C. However, repeated exposure will bleach the sample.

The experimental procedures for Duolink In Situ fluorescence applications can be found at [sigma.com/duolink](http://sigma.com/duolink).

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