



## FluoroMunter with DAPI

**Intended Use** *For Laboratory Use.*

**Summary And Explanation** **FluoroMunter with DAPI** is an aqueous mounting media designed for counterstaining cells or tissues with DAPI while preserving the fluorescent staining. **FluoroMunter with DAPI** is suited for mounting cells or tissue sections stained by Immunofluorescence or FISH, using fluorescent dye-conjugated antibodies or probes. It prevents rapid photobleaching of FITC, Texas Red, AMCA, Cy2, Cy3, Cy5, Alexa fluoro 488, Alexa fluoro 594, Green fluorescent protein (GFP), Tetramethylrhodamine, Redox, Phycoerythrin (R-PE), Phycocyanin (PC), and Allophycocyanin (APC).

**FluoroMunter with DAPI** contains DAPI, a counterstain for DNA. It excites at 360 nm and emits at 460 nm, giving a blue fluorescence.

**Presentation** **FluoroMunter with DAPI** is provided in liquid form ready-to-use. It contains a buffer solution, reagents, and a sodium azide anti-microbial agent.

### Availability

Catalog No.	Volume
BSB 0163	15 mL
BSB 0164	50 mL
BSB 0165	100 mL
BSB 0166	200 mL
BSB 0167	500 mL
BSB 0168	1000 mL

**Storage** For long term storage, store at 2-8 °C in the dark; do not freeze.

**Stability** 3 years  
Do not use this product after the expiration date listed on the product label.

## Protocol







1. Bring **FluoroMounter with DAPI** to room temperature.
2. After counterstaining, rinse slides with distilled or deionized water.
3. Remove excess of water from slides before laying them flat in the dark.
4. Turn the media bottle upside down before opening the dropper bottle.
5. Apply 1-3 drops of **FluoroMounter with DAPI** to each slide making sure the specimen is covered.
6. Incubate 3-5 minutes at room temperature in the dark.
7. Coverslip.
8. Observe under a fluorescent microscope using the appropriate filter.
9. The slides are recommended to be stored at 2-8 °C in the dark.

## Precautions

1. For professional users only. Results should be interpreted by a medical professional.
2. This product contains sodium azide as a preservative. Ensure proper handling procedures are used with this reagent.
3. Always wear proper personal protective equipment such as laboratory coat, goggles and gloves when handling reagents.
4. Dispose of unused solution with copious amount of water.
5. Do not ingest reagent. If reagent is ingested, contact a poison control center immediately.
6. Avoid contact with eyes. If contact occurs, flush with large quantities of water.
7. For complete recommendations for handling biological specimens please refer to the CDC document, "Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories" (1).

## References

1. U.S. Department of Health and Human Services: Centers for Disease Control and Prevention. Guidelines for Safe Work Practices in Human and Animal Medical Diagnostic Laboratories. Supplement / Vol. 61, January 6, 2012.

Symbol Key / Légende des symboles/Erläuterung der Symbole		
 Storage Temperature Limites de température Zulassiger Temperaturbereich	 Manufacturer Fabricant Hersteller	 Catalog Number Référence du catalogue Bestellnummer
 Read Instructions for Use Consulter les instructions d'utilisation Gebrauchsanweisung beachten	 Expiration Date Utiliser jusque Verwendbar bis	 Lot Number Code du lot Chargenbezeichnung



Bio SB, Inc. • 69 Santa Felicia Dr., Santa Barbara, CA 93117, USA  
Tel. (805) 692-2768 • Tel. (800) 561-1145 • Fax. (805) 692-2769  
• E-mail: [info@biosb.com](mailto:info@biosb.com) • Website: [www.biosb.com](http://www.biosb.com)