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## Product Datasheet

### **FIX&PERM Cell Fixation and Permeabilization Kit (orb1972402)**

**Description**

FIX&amp;PERM Cell Fixation and Permeabilization Kit

**Tested Applications**

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**Storage**

Storage: FIX&PERM Cell Fixation and Permeabilization Kit reagents should be stored and used at room temperature. Do not freeze.

Stability of the reagent: Please refer to the expiry date printed onto the vial. The use of the reagent after the expiration date is not recommended. If reagents are stored under any conditions other than those specified, the conditions must be verified by the user. Do not use reagents if a precipitate should form or discoloration occurs. If unexpected results are obtained which cannot be attributed to differences in laboratory procedures, please contact us

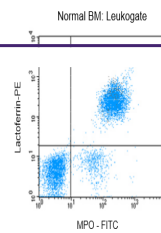
**Note**

For research use only

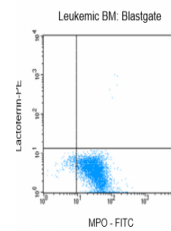
**Application notes**

Biological fluids (blood, bone marrow, and others) must be collected under sterile conditions. Anticoagulation with EDTA or heparin is recommended. The samples should be stored at room temperature until used. For optimal results, samples should be processed and analyzed within 24 hours. Samples with high numbers of non-viable cells might cause false results, such cases require determination of cell viability with e.g. propidium iodide. All biological samples have to be handled with caution. Always consider them as potentially infective. Use appropriate precautions such as gloves, lab-coat, etc.

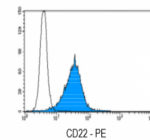
Fixation, permeabilization and staining procedure: For each sample to be analyzed add 50 µl of whole blood, bone marrow or mononuclear cell suspension in a 5ml tube Add 100 µl of Reagent A (Fixation Medium, stored and used at room temperature) Incubate for 15 minutes at room temperature Add 5ml phosphate buffered saline and centrifuge cells for 5 minutes at 300 g Remove supernatant and add 100 µl Reagent B (Permeabilization Medium) and 20 µl of the appropriate Nordic-MUbio monoclonal antibody conjugate Vortex at low speed for 1-2 seconds Incubate for 15 minutes at room temperature Wash cells with phosphate buffered saline as described above Remove supernatant and resuspend cells in sheath fluid for immediate analysis or resuspend cells in 0.5 ml 1.0 %



Flow cytometric analysis of normal bone...



Flow cytometric analysis of bone marrow...



Immunostaining with CD22-PE conjugate of...