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Warnings

Reagents contain sodium azide. Under acidic conditions sodium azide yields hydrazoic acid, which is extremely toxic. Azide compounds should be diluted with running water before discarding. These precautions are recommended to avoid deposits in plumbing where explosive conditions may develop.

1. Description

This product is for research use only.

Components	25 mL Inside Fix 2×55 mL Inside Perm
Capacity	For up to 50 tests or up to 5×10^7 cells.
Product format	Inside Fix contains 3.7% formaldehyd. Inside Perm contains a detergent and 0.05% sodium azide.
Storage	Store protected from light at 2–8°C. Do not freeze. The expiration date is indicated on the vial label.

1.1 Principle of intracellular staining

The Inside Stain Kit has been developed for intracellular staining of cells in suspension or of cells magnetically immobilized on a MACS® Separation Column.

Inside Fix solution fixes live cells and Inside Perm solution creates holes in the cell membrane resulting effective entry of intracellular staining antibodies inside the cells.

1.2 Applications

- Immunocytochemical, fluorescence microscopic or flow cytometric detection of (enriched) carcinoma cells using Anti-Cytokeratin antibodies.
- Immunocytochemical detection of enriched melanoma cells, based on expression of intracellular antigens, e.g. Melan A.
- Analysis of clonality of enriched B-Lymphoma or Myeloma cells by staining for intracellular immunoglobulin light chains.
- Fluorescence microscopic or flow cytometric analysis of intracellular cytokine expression.

For staining protocols refer to

www.miltenyibiotec.com/goto/d8eed0ed45be
www.miltenyibiotec.com/goto/a435cddb0fa
www.miltenyibiotec.com/goto/61c812e0f488

Refer to www.miltenyibiotec.com for all data sheets and protocols. Miltenyi Biotec provides technical support worldwide. Visit www.miltenyibiotec.com/local to find your nearest Miltenyi Biotec contact.

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