

FluoroFix™ Buffer

Catalog# / Size	422101 / 200 tests
Regulatory Status	RUO
Other Names	Fixative, Paraformaldehyde
Description	FluoroFix™ Buffer is a <i>ready-to-use buffer</i> , specially formulated for fixation of immunofluorescence stained cells, optimized to stabilize tandem dyes. It can be used as the final resuspension of the cell pellet in immunofluorescence staining procedures. FluoroFix™ Buffer is provided as 100 mL. This quantity is sufficient for 200 tests.

Product Details

Storage & Handling	The buffer solution should be stored between 2°C and 8°C.
Application	FC, ICFC - Quality tested ICC - Reported in the literature, not verified in house
Recommended Usage	After final wash in the staining procedures (please refer to Cell Surface Immunofluorescence Staining Protocol), discard supernatant and resuspend the cell pellet in 250 µL/tube FluoroFix™ Buffer. To fully fix cells and perform surface staining, resuspend the cell pellet in 250 µL/tube FluoroFix™ Buffer and incubate in the dark for at least 60 minutes at room temperature. Cells can be analyzed directly in FluoroFix™ buffer. For storage longer than 4 hours, wash 1X with BioLegend Cell Staining Buffer (cat# 420201) and resuspend in 0.5 mL/tube Cell Staining Buffer, cover the tubes. Caution: This buffer contains paraformaldehyde, which is toxigenic and mutagenic. Please handle with caution and wear gloves, lab coat and necessary protection to avoid direct body contacts.
Application References (PubMed link indicates BioLegend citation)	<ol style="list-style-type: none">1. Lewis ND, <i>et al.</i> 2014. <i>J Neuroimmunol.</i> 277:26. PubMed2. Shen L, <i>et al.</i> 2015. <i>Cancer Immunol Res.</i> 3:136. PubMed
Product Citations	<ol style="list-style-type: none">1. Lewis N, <i>et al.</i> 2014. <i>J Neuroimmunol.</i> 277:26. PubMed2. Shen L, <i>et al.</i> 2015. <i>Cancer Immunol Res.</i> 3:136. PubMed3. Kwek S, <i>et al.</i> 2015. <i>Cancer Immunol Res.</i> 3: 1008-1016. PubMed4. Wright A, <i>et al.</i> 2016. <i>J Immunol.</i> 196: 4877 - 4884. PubMed5. Surdziel E, <i>et al.</i> 2017. <i>PLoS One.</i> 10.1371/journal.pone.0183679. PubMed

Antigen Details

Antigen References	<ol style="list-style-type: none">1. Current Protocols in Immunology (John Wiley & Sons New York) Unit 6.24 <i>Detection of Intracellular Cytokines by Flow Cytometry</i> (Barbara Foster and Calman Prussin NIAID NIH Bethesda MD).2. Sander B, <i>et al.</i> 1991. <i>Immunol. Rev.</i> 119:65.3. Sander B, <i>et al.</i> 1993. <i>J. Immunol. Meth.</i> 166:201.4. Prussin C, <i>et al.</i> 1995. <i>J. Immunol. Meth.</i> 188:117.5. Kang YJ, <i>et al.</i> 2007. <i>Nature Immunol.</i> 8:601.
Gene ID	NA

Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

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