

FOXP3 Fix/Perm Buffer (4x)

Catalog # / Size: 421401 / 30 ml

Storage: This solution is guaranteed for three months. It should be stored between 2°C and 8°C. **Do not freeze.**

This product has a shelf-life of 12 months or less. Please use our Expiration Lookup Tool (www.biolegend.com/concentrationlookup) to verify the expiration date of your lot of product.

Applications:

Applications: ICFC - *Quality tested*

Recommended Usage: The FOXP3 Fix/Perm buffer(4X) must be diluted to (1X) working solution with PBS (10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2) prior to staining procedures. *e.g.* Dilute one (1) part FOXP3 Fix/Perm buffer(4X) to three (3) parts PBS.

Application Notes: **FOXP3 Intracellular Staining Procedures:**

1. Perform cell surface staining as described in BioLegend's Cell Surface Immunofluorescence Staining Protocol.
2. Add 1 ml of 1X BioLegend's FOXP3 Fix/Perm solution to each tube, vortex and incubate at room temperature in the dark for 20 minutes, then spin down the cells and remove the supernatant.
3. Wash once with cell staining buffer (Cat. No. 420201). Spin at 250Xg for 5 minutes and remove the supernatant.
4. Wash once with 1ml 1X BioLegend's FOXP3 Perm buffer.
5. Re-suspend cells in 1ml 1X BioLegend's FOXP3 Perm buffer, incubate at room temperature in the dark for 15 minutes, spin down cells and discard the supernatant, then resuspend the pellet in 100 ul of 1X BioLegend's FOXP3 Perm buffer.
6. Add appropriate amount of fluochrome conjugated anti-FOXP3 antibody and incubate at room temperature in the dark for 30 minutes.
7. Wash twice with cell staining buffer, and resuspend in 0.5ml cell staining buffer then analyze with flow cytometer with appropriate instrument setting.

Description: BioLegend's FOXP3 Fix/Perm Buffer (4x) has been specially formulated for intracellular staining of FOXP3 with minimum effect on the surface fluorochrome staining. The FOXP3 Fix/Perm buffer(4X) must be freshly diluted to 1X working solution with PBS (10 mM sodium phosphate, 150 mM sodium chloride, pH 7.2) prior to staining procedures. *e.g.* Dilute one (1) part FOXP3 Fix/Perm buffer(4X) to three (3) parts PBS. Caution: The FOXP3 Fix/Perm buffer contains paraformaldehyde, which is toxigenic and mutagenic. Please handle with caution and wear gloves, lab coat and necessary protection to avoid direct body contact.



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