

True-Nuclear™ Transcription Factor Buffer Set

Catalog# / Size	424401 / 120 tests
Regulatory Status	RUO
Other Names	Transcription Factor Fixation/Permeabilization Buffer Set
Description	BioLegend's True-Nuclear™ Transcription Factor Buffer Set has been specially formulated for intracellular staining with minimum effect on the surface fluorochrome staining. See the advantages of True-Nuclear™ Transcription Factor Buffer Set in this brief webinar: biolegend.com/true_nuclear_webinar .

Caution: The True-Nuclear™ Transcription Factor Buffer Set contains paraformaldehyde, which is toxic and mutagenic. Please handle with caution. Wear gloves, lab coats, and necessary protection to avoid direct contact.

Product Details

Storage & Handling	Store between 2°C and 8°C. Do not freeze.
Application	ICFC - Quality tested
Recommended Usage	Prepare fresh Transcription Factor Fix working solution by diluting the 4X Fix Concentrate (1 part) with the Fix Diluent (3 parts). 1 mL of the 1X Fix working solution is needed for each tube. Prepare a 1X working solution of the Perm Buffer by diluting the 10X Perm Buffer with distilled water. 6.5 mL of 1X Perm Buffer is needed for each sample of tube. NOTE: The 10X Perm Buffer may have crystallization or precipitation when it is stored at 2-8°C; however, this is normal and does not affect the buffer's performance. If there is a heavy precipitation observed after dilution to 1X working solution, it can be filtered to clarify the solution.
Application Notes	Buffer Set Contents: <ul style="list-style-type: none">• True-Nuclear™ 4X Fix Concentrate (30 mL)• True-Nuclear™ Fix Diluent (100 mL)• True-Nuclear™ 10X Perm Buffer (100 mL)
Additional Product Notes	View more applications data using this product to stain Veri-Cells™ lyophilized control cells , to detect transcription factors , and to study TIGIT in our Scientific Poster Library.

Product Citations

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Antigen Details

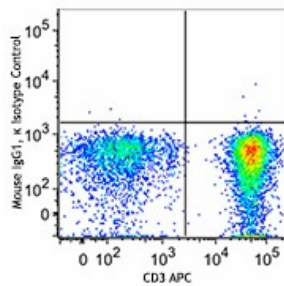
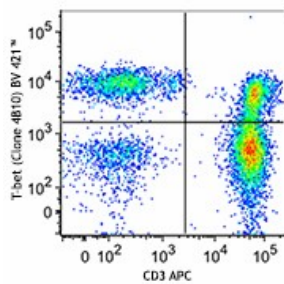
Cell Type	Tregs
Biology Area	Immunology, Transcription Factors
Molecular Family	Nuclear Markers
Gene ID	NA

Related Protocols

[True-Nuclear™ Transcription Factor Staining Protocol for 96-Well U Bottom Plate](#)

[True-Nuclear™ Transcription Factor Staining Protocol for 5mL Tubes](#)

Product Data



Human peripheral blood lymphocytes were surface stained with CD3 APC and then treated with True-Nuclear™ Transcription Factor Buffer Set. Cells were then stained with T-bet (clone 4B10) Brilliant Violet 421™ (top) or mouse IgG1, κ Brilliant Violet 421™ isotype control (bottom).

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