

TECHNICAL DATA SHEET

Transcription Factor Fix/Perm Concentrate (4X)

Catalog Number: TNB-1020-L050

PRODUCT INFORMATION

Contents: Transcription Factor Fix/Perm Concentrate (4X)

Use By: 6 months from date of receipt

Storage Conditions: 2-8°C

Formulation: Transcription Factor Fix/Perm Concentrate (4x) contains formaldehyde. Use appropriate personal protective equipment in order to avoid contact with skin and eyes.

DESCRIPTION

Tonbo Biosciences Transcription Factor Fix/Perm Concentrate (4X) is a concentrated solution which, when diluted with Transcription Factor Fix/Perm Diluent (1X) (cat. no. TNB-1022-L160), provides best results in protocols for intranuclear staining of transcription factors using fluorescently conjugated antibodies, followed by flow cytometric analysis. These reagents are formulated for optimal resolution and low background in your analysis of key nuclear proteins such as Foxp3.

PREPARATION

Transcription Factor Fix/Perm Concentrate is supplied as a 4X stock solution and must be diluted with Transcription Factor Fix/Perm Diluent (1X) (TNB-1022-L160) prior to use. To prepare a 1X working solution, mix 1 part Transcription Factor Fix/Perm Concentrate (4X) with 3 parts Transcription Factor Fix/Perm Diluent (1X).

APPLICATION NOTES

After cell surface staining is complete and cells are washed, completely resuspend the cell pellet by briefly vortexing. Add 1 mL of the 1X working solution to the cells, vortex briefly, and incubate for 30-60 minutes at room temperature or 4°C. Samples should be protected from light. Following the incubation period, wash cells 2 times with 1X Flow Cytometry Perm Buffer (TNB-1213-L150) prior to incubation with conjugated antibodies specific for intracellular proteins.

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