

TECHNICAL DATA SHEET

Fixation Buffer

Catalog Number: TNB-8222

PRODUCT INFORMATION

Contents: Fixation Buffer

Use By: 6 months from date of receipt

Storage Conditions: 2-8°C

Formulation: Fixation Buffer is a 4% formaldehyde solution in PBS. Formaldehyde is a suspected carcinogen, use appropriate personal protective equipment in order to avoid contact with skin and eyes. Do not breathe mist/vapors/spray.

DESCRIPTION

Fixation Buffer can be used to fix cells prior to permeabilization when performing intracellular staining for antigens expressed on cytoplasmic proteins. This buffer can also be used to fix cells after immunofluorescent staining when the acquisition of samples will be delayed.

PREPARATION & STORAGE

Fixation Buffer is a 4% formaldehyde solution and should be stored undiluted at 2-8°C.

APPLICATION NOTES

Fixation Buffer is intended for use in intracellular staining protocols to fix cells prior to permeabilization. It is also useful for the short-term preservation of fluorescently stained cells for flow cytometric analysis. Apply Fixation Buffer directly to cells to achieve fixation with 4% formaldehyde. This product may be diluted with 1X PBS to a final concentration of 1-3% formaldehyde if desired. Cell aggregation can be avoided by vortexing the cell pellet prior to the addition of Fixation Buffer.

Tonbo Biosciences tests all antibodies by flow cytometry. Citations are provided as a resource for additional applications that have not been validated by Tonbo Biosciences. Please choose the appropriate format for each application and consult Materials and Methods sections for additional details about the use of any product in these publications.

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