

Technical Data Sheet

Fix Buffer I

Product Information

Material Number: 557870
Size: 250 mL

Description

BD Phosflow™ Fix Buffer I can be used for simultaneous fixation and permeabilization of cells prior to intracellular staining. The product contains 250 ml of a 1X buffer solution.

Preparation and Storage

Store undiluted at 4°C.

Application Notes

Recommended Assay Procedure:

BD Phosflow™ Fix Buffer I can be used to fix and permeabilize cells for subsequent immunofluorescent staining of intracellular proteins, and is optimized for use with the BD Phosflow brand of phosphorylated intracellular signaling protein-specific antibodies.

Danger: *BD Phosflow™ Fix Buffer I contains 4.2% formaldehyde (w/w).*

Hazard statements

Harmful if inhaled.

Causes skin irritation.

Causes serious eye damage.

May cause an allergic skin reaction.

Suspected of causing genetic defects.

May cause cancer. Route of exposure: Inhalative.

May cause respiratory irritation.

Precautionary statements

Wear protective clothing / eye protection.

Wear protective gloves.

Do not breathe mist/vapours/spray.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

If skin irritation or rash occurs: Get medical advice/attention.

Product Notices

- Please refer to wwwbdbiosciences.com/pharmingen/protocols for technical protocols.

References

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Jung T, Schauer U, Heusser C, Neumann C, Rieger C. Detection of intracellular cytokines by flow cytometry. *J Immunol Methods.* 1993; 159(1-2):197-207. (Biology)

Krutzik PO, Nolan GP. Intracellular phospho-protein staining techniques for flow cytometry: monitoring single cell signaling events. *Cytometry A.* 2003; 55(2):61-70. (Biology)

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Sander B, Andersson J, Andersson U. Assessment of cytokines by immunofluorescence and the paraformaldehyde-saponin procedure. *Immunol Rev.* 1991; 119:65-93. (Biology)

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