
eBioscience™ IC Fixation Buffer

Catalog Number: 00-8222

For Research Use Only. Not for use in diagnostic procedures.

Product Information



Contents: eBioscience™ IC Fixation Buffer

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Handling Conditions: Use within 6 months of opening or by date indicated on the bottle



Temperature Limitation: Store at 2-8°C.



Batch Code: Refer to vial



Use By: Refer to vial

Contains formaldehyde

Description

The Intracellular (IC) Fixation Buffer can be used to fix cells prior to permeabilization with the Permeabilization Buffer (cat. 00-8333), when performing intracellular staining of antigens located in the cytoplasm and secretory pathway, such as cytokines, chemokines and growth factors. This buffer, when used as instructed, is compatible with surface staining fluorochrome-conjugated antibodies and can be used as a short-term storage buffer for fluorochrome (including tandem dyes)-stained cells for up to 3 days at 2-8°C (stored in the dark).

Applications Tested

This buffer can be used as a 2X solution. If performing intracellular staining, add 100 µL of IC Fixation Buffer to 100 µL cells and incubate for 20-60 minutes at room temperature or 2-8°C, or store for up to 18 hours at 2-8°C, before washing in 1X Permeabilization Buffer (made from 10X Permeabilization Buffer, cat. 00-8333). For additional details, please refer to Best Protocols: Protocol A: Two step protocol for (cytoplasmic) intracellular proteins located under the Resources Tab online.

Note that long-term fixation can affect the epitopes recognized by some surface staining antibodies and should be determined empirically. Please refer to the Clone Performance after Fix/Perm Table in the Technical Support section of the eBioscience web site.

To store stained cells, it is recommended to add 100 µL IC Fixation Buffer to cells in 100 µL staining buffer. Do not vortex to mix. Instead gently agitate and store up to 3 days at 2-8°C in the dark. Please refer to Staining Cell Surface Antigens for Flow Cytometry Protocol in Best Protocols for more information.

Related Products

00-4970 eBioscience™ Cell Stimulation Cocktail (500X)

00-4975 eBioscience™ Cell Stimulation Cocktail (plus protein transport inhibitors) (500X)

00-8333 eBioscience™ Permeabilization Buffer (10X)

88-8824 eBioscience™ Intracellular Fixation & Permeabilization Buffer Set

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