

Mouse Cytokine Positive Control Cells


Catalog Number: 00-4500

RUO: For Research Use Only


Product Information

Contents: Mouse Cytokine Positive Control Cells

 Catalog Number: 00-4500

 Temperature Limitation: Store at less than or equal to -70°C for up to 6 months. Short term storage at 4°C.

 Batch Code: Refer to Vial

 Use By: Refer to Vial

Description

The Mouse Cytokine Positive Control Cells are recommended for use as positive control cells when establishing an intracellular cytokine staining protocol. Mouse splenocytes were stimulated with ConA (3 µg/mL) for two days, followed by recombinant IL-2 (20 ng/mL) and IL-4 (20 ng/mL) for three days. The cells were then restimulated with immobilized anti-mouse CD3 (10 µg/mL) and soluble anti-mouse CD28 (2 µg/mL) in the presence of Brefeldin A for 5 hours. These cells contain subpopulations that express IL-2, IL-3, IL-4, IL-10, GM-CSF, and IFN γ . The cells have been fixed with formaldehyde and are provided in a stabilizing buffer so that they may be stored at -80°C for up to six months or at 2-8°C for up to one month.

Applications Reported

These cells have been fixed with eBioscience IC Fixation Buffer (cat. 00-8222) and need to be permeabilized before the addition of fluorochrome-conjugated antibodies. For each test, use 100 µL of the positive control cells and wash two times with eBioscience Permeabilization Buffer (10X) (cat. 00-8333).

Please visit the Intracellular Immunofluorescent Staining for Flow Cytometry webpage for intracellular staining protocols.

Related Products

00-8222 IC Fixation Buffer

00-8333 Permeabilization Buffer (10X)

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