

Protein Transport Inhibitor MIX Kit

Protein Transport Inhibitor MIX

CATALOG #
AAA178126

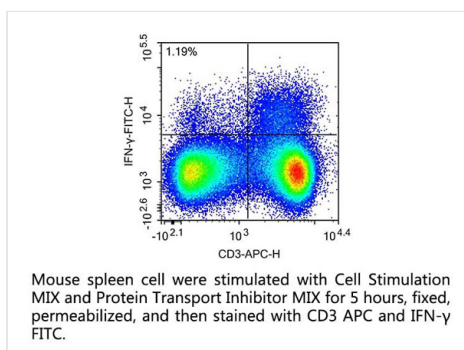
PRODUCT SYNONYMS

Protein Transport Inhibitor MIX; Protein Transport Inhibitor MIX kit

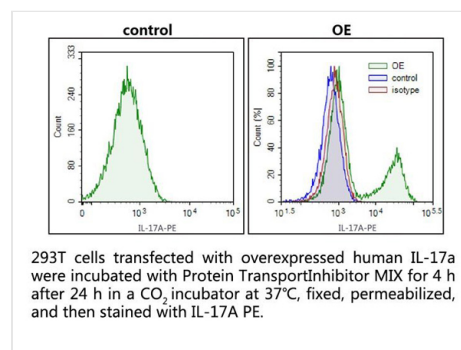
PRODUCT SPECIFICATIONS

Reagent Preparation	1000×Protein Transport Inhibitor MIX: Add 50 uL absolute ethanol (self-prepared) to a vial of Protein Transport Inhibitor MIX and mix fully. Note: Centrifuge at 2000~10000×g for several seconds before use and then open the cover for use. Absolute ethanol is volatile, please keep it sealed properly.
Experimental Procedure	1. Prepare the single cell suspension with complete medium (self-prepared), and adjust the cell density to 1~2×10⁶/mL. - Note: The cell density should not be too high, and the maximum density should be less than 2×10⁶/mL, high cell density will affect cell activation efficiency. Make sure the cells are in good condition before stimulation, especially for freshly prepared primary cells. 2. Add 2 uL of 500× Cell Stimulation MIX to each 1mL of cell suspension, and incubate the cells at 37 degree C, 5%CO₂ for 1.5~1 h. 3. Add 1 uL of 1000×Protein Transport Inhibitor MIX to each 1mL of cell suspension, and incubate the cells at 37 degree C, 5%CO₂ for 5~16 h (It is recommended to determine the optimal induction time by setting up a pre-experiment with different induction times for the cytokines to be tested. The common induction time can be refer to table 1). 4. Collect cell suspension, centrifuge at 200~300×g for 5 min, discard the supernatant and collect the cell pellet which could be used for subsequent intracellular factor detection after fixation.
Preparation and Storage	Store at -20 degree C, shading light Estimated Expiration: 12 months Shipping: Ice bag

IMAGES



Application Data



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ADDITIONAL INFORMATION

Related Product Information for Protein Transport Inhibitor MIX kit	Background: Protein Transport Inhibitor MIX is mainly composed of Monensin and Brefeldin A, which can be used in combination with Cell Stimulation MIX to prevent the loss of cytokine transport. After cell membrane rupture, cytokines can be detected. It can also be used alone to block protein transport from the Golgi apparatus and endoplasmic reticulum in cells.
Product Categories/Family for Protein Transport Inhibitor MIX kit	Cell Apoptosis

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/kits/protein-transport-inhibitor-mix/178126>