

## Cell Stimulation Cocktail (plus protein transport inhibitors) (500X)

<b>Catalog No.</b>	<b>Size</b>
FXP049-100	100 uL
FXP049-4 x 100	4 x 100 uL
<b>Concentration:</b>	500× (Use at 1×:dilute 1/500 or to 2ug/ml final concentration)
<b>Formulation:</b>	Phorbol 12-myristate 13-Acetate (40.5uM),Ionomycin(670uM) Brefeldin A(5.3mM) and Monensin(1mM) in Ethanol(500×)
<b>Storage Condition:</b>	Store at -20° C. Protect from light.
<b>Handling Conditions:</b>	Wear suitable personal protective equipment and gloves.

### DESCRIPTION:

The Cell Stimulation Cocktail (plus protein transport inhibitors)(500X) is a cocktail of Phorbol 12-myristate 13-Acetate(PMA)、 Ionomycin、 Brefeldin A and Monensin.Treatment with PMA and Ionomycin is sufficient to induce activation of many cell types to produce cytokines.Brefeldin A and Monensin result in the accumulation of secreted proteins in the endoplasmic reticulum and Golgi apparatus .Thus,the cell Stimulation Cocktail (plus protein transport inhibitors)(500X) can be used for induction and subsequent intracellular detection in cytokines and other secreted proteins in both in vitro-culture and ex vivo cell.For an unstimulated and vehicle control ,see the Protein Cell Stimulation Cocktail (500X)(Cat:FXP048)

### Applications Reported:

The Cell Stimulation Cocktail (plus protein transport inhibitors)(500X) has been reported for use in flow cytometric analysis.

### Applications Test:

The Cell Stimulation Cocktail (plus protein transport inhibitors) (500X) has been tested by treatment of mouse splenocytes for 5 o 18h followed by intracellular staining and flow cytometric analysis of IFN-gamma.This cocktail is supplied as a 500X concentration and can be directly added to culture medium at 1×(2ug/ml).

This product is formulated with a solvent that will not freeze at the recommended storage temperatures.It is recommended that this product be kept tightly sealed and cold at all times to avoid excess evaporation.

#### 4A Biotech Co., Ltd.

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## Related Products:

Catalog No.	Product Name	Applications
FXP045	Monensin Solution (1,000X)	
FXP046	Lipopolysaccharide (LPS) Solution (500X)	
FXP047	Phytohemagglutinin-L (PHA-L) Solution (500X)	
FXP048	Cell Stimulation Cocktail (500X)	
FXP050	Protein Transport Inhibitor Cocktail (500X)	

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