

## EZCell™ Cell Stimulation and Protein Transport Inhibitor Cocktail (500X)

**CATALOG NO:** K931-100 100 µl  
 K931-set (4 x 100 µl)

**FORM:** Liquid

**STORAGE:** -20 °C

**DESCRIPTION:** The Cell Stimulation and Protein Transport Inhibitor Cocktail is a ready-to-use cocktail consisting of an optimized mixture of Phorbol 12-Myristate 13-Acetate (PMA), Ionomycin, Brefeldin A, and monensin. Formulated in DMSO (500X). PMA and Ionomycin induce cytokine production in many cell types and Brefeldin A and Monensin act as protein transport inhibitors. This cocktail is used to induce cytokine production and inhibit their intracellular transport for flow cytometry detection.

**CONCENTRATION:** 500X. Use at 1X (dilute 1:500 or to 2 µl/ml final concentration)

Product	Cat. No.	M.W.	Concentration (500X)
Phorbol 12-Myristate 13-Acetate (PMA)	1544	616.83	40.5 µM
Ionomycin	1565	709.02	670 µM
Brefeldin A	1560	280.36	5.3 mM
Monensin Methyl Ester	1808	684.9	1 mM

### RELATED PRODUCTS:

EZCell™ Cell Stimulation Cocktail (500X) (**K930**)

EZCell™ Cell Stimulation & Protein Transport Inhibitor Cocktail (500X) (**K931**)

EZCell™ Protein Transport Inhibitor Cocktail (500X) (**K932**)

Brefeldin A (**1560**)

Ionomycin (**1565**)

Monensin Methyl Ester (**1808**)

Phorbol 12-Myristate 13-Acetate (PMA) (**1544**)

**FOR RESEARCH USE ONLY! Not to be used on humans.**