

Store at
-20°C

#29255

Cell Stimulation Cocktail (without Protein Transport Inhibitors) (500X)

100 µl



Cell Signaling
TECHNOLOGY®

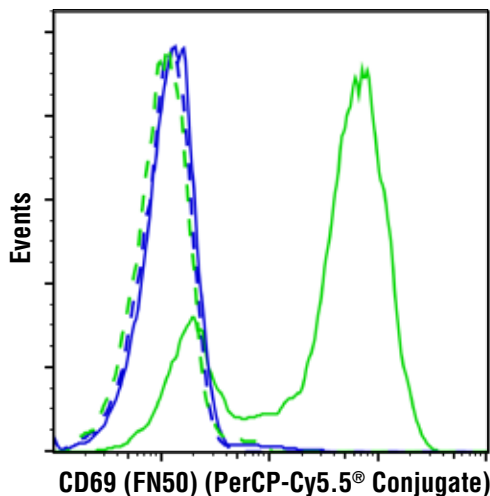
Support: +1-978-867-2388 (U.S.)
www.cellsignal.com/support

Orders: 877-616-2355 (U.S.)
orders@cellsignal.com

New 01/20

For Research Use Only. Not For Use In Diagnostic Procedures.

Description: Cell Stimulation Cocktail (without Protein Transport Inhibitors) (500X) is an ethanol solution that contains the phorbol ester, PMA (phorbol-12-myristate-13-acetate) and the calcium ionophore, Ionomycin. When added *in vitro* to cell suspensions, the PMA and Ionomycin activate the cells, leading to increased cytokine production for detection by downstream immunoassays.



Flow cytometric analysis of live human peripheral blood mononuclear cells, untreated (blue) or treated with Cell Stimulation Cocktail (without Protein Transport Inhibitors) (500X) (5 hr; green), using CD69 (FN50) Mouse mAb (PerCP-Cy5.5® Conjugate) #28633 (solid lines) or a concentration-matched Mouse (MOPC-21) mAb IgG1 Isotype Control (PerCP-Cy5.5® Conjugate) #24589 (dashed lines).

Storage: Store at -20°C tightly sealed to prevent evaporation and protected from light. This product is stable for at least 6 months when stored at -20°C.

Directions for Use:

1. Prepare the cell suspension in the appropriate cell culture medium.
2. To obtain a 1X final concentration, add the Cell Stimulation Cocktail (without Protein Transport Inhibitors) (500X) directly to the cell suspension at 2 µL/mL.
3. Incubate the cells at 37°C in an atmosphere that contains CO₂.
4. Harvest the cells for the immunoassay of interest.

Note: The concentration of cells and incubation time will vary depending on the desired results. This product is an ethanol solution and susceptible to evaporation. Keep tightly sealed when not in use.

For product specific protocols and a complete listing of recommended companion products please see the product web page at www.cellsignal.com.

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Applications: W—Western IP—Immunoprecipitation IHC—Immunohistochemistry ChIP—Chromatin Immunoprecipitation IF—Immunofluorescence F—Flow cytometry E-P—ELISA-Peptide Species Cross-Reactivity: H—human M—mouse R—rat Hm—hamster Mk—monkey Mi—mink C—chicken Dm—D. melanogaster X—Xenopus Z—zebrafish B—bovine Dg—dog Pg—pig Sc—S. cerevisiae Ce—C. elegans Hr—Horse All—all species expected Species enclosed in parentheses are predicted to react based on 100% homology.