
Product Data Sheet

Product Name: Phosphatase Inhibitor Cocktail I (100× in DMSO)

Cat. No.: GK10011

Protocol

Thaw at room temperature. Before assaying, add each solution at 1:100 (v/v) dilution to samples (such as cell lysates or tissue extracts). Mix the sample sufficiently after each time of addition.

Application Fields: Western Blot analysis, Co-IP, pull-down, IF, IHC, kinase assay and etc.

Background

Phosphatase Inhibitor Cocktail I effectively inhibits alkaline phosphatases and serine/threonine protein phosphatases such as PP1 and PP2A.

Phosphorylation of proteins and lipids is a hallmark of the signaling or metabolic status of cells. A cocktail of three inhibitors that will inhibit alkaline phosphatases as well as serine/threonine protein phosphatases such as PP1 and PP2A. Each vial contains 1 ml phosphatase inhibitor cocktail solubilized in DMSO with the following components: Bromotetramisole oxalate, Cantharidin, and Microcystin-LR , Microcystis aeruginosa (500 nM).

Phosphatase Inhibitor Cocktail I has been optimized and tested for mammalian cell and tissue extracts. This cocktail is supplied as a ready-to-use solution in DMSO.

Caution: Product has not been fully validated for medical applications. For research use only.

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