

Product Data Sheet

Product Name: Phosphatase Inhibitor Cocktail II (100× in ddH₂O)
Cat. No.: GK10012

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 II effectively inhibits acid and alkaline phosphatases as well as protein tyrosine phosphatases (PTPs).

Phosphorylation of proteins and lipids is a hallmark of the signaling or metabolic status of cells. A cocktail of five phosphatase inhibitors for the inhibition of acid and alkaline phosphatases as well as protein tyrosine phosphatases (PTPs). Suitable for use with cell lysates and tissue extracts, including samples containing detergents. Provided as 1 ml vial containing the following components: Imidazole (200 mM), Sodium Fluoride (100 mM), Sodium Molybdate (115 mM), Sodium Orthovanadate (100 mM), and Sodium Tartrate Dihydrate (400 mM).

Phosphatase Inhibitor Cocktail II has been optimized and tested for mammalian cell and tissue extracts. This cocktail is supplied as a ready-to-use solution in ddH₂O.

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

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