

Phosphatase Inhibitor Cocktail II (50×)

(WB006)

Product Description

A large amount of endogenous protein phosphatases are released during cell or tissue lysis, which causes dephosphorylation of phosphorylated proteins in the extracts and thus affects protein detection results. Therefore, adding an appropriate amount of exogenous phosphatase inhibitors to extract samples is an effective method for protein protection. This product is a mixture of four phosphatase inhibitors, which can inhibit four types of phosphatases including serine/threonine protein phosphatases, tyrosine protein phosphatases, and acid/alkaline phosphatases. It can be used for detecting phosphorylated proteins in Western Blot (WB) and co-immunoprecipitation experiments, as well as for the determination of phosphatase activity.

Components

Product Name	Cat. No.	Volume
Phosphatase Inhibitor Cocktail II (50×)	WB006-01	1 mL
	WB006-02	1 mL×5

Storage Conditions

Store at -30 ~ -15°C and transport on dry ice. The shelf life is one year.

Notes

1. This product is for scientific research use only and shall not be used for clinical diagnosis, treatment or other clinical applications.
2. For your safety and health, wear a lab coat and disposable gloves during operation.

Usage Method

It is recommended to add Phosphatase Inhibitor Cocktail II (50×) to the lysis buffer at a ratio of 1:50 for routine protein extraction from cells or tissues (for tissues with particularly abundant protein phosphatases, the working concentration can be appropriately increased to 2~3×).