

Data Sheet

Phosphatase Inhibitor Cocktail (Full spectrum)

A blend of pan-phosphatase inhibitors for protection of phosphorylation state.

Catalog No.	Size	Price
K5000	1 mL e.a.	USD 37
	100 µL × 30 e.a.	USD 147
	1 mL × 10 e.a.	USD 270
	1 mL × 100 e.a.	USD 1700

Product Overview

Phosphatase Inhibitor Cocktail is a blend of pan-phosphatase inhibitors for protection of phosphorylation state. Phosphorylation of proteins, lipids is a hallmark of the signaling or metabolic status of cells. For decades, researchers have used easily- accessible phosphate mimetics (tube A) to prevent the loss of phosphorylation on biomolecules in vitro. In recent years however, a number of naturally derived agents (tube B) are discovered to be potent inhibitors of phosphatases, thus increasing the protection spectrum. Selleck strongly recommends that both cocktail be used in your experiments.

Price Comparison

Brand	100mL(1x)	1000mL (1x)
Selleck	37	270
Sigma	63	450
PIERCE	68	483
Roche	84	456

Contents

Ingredient	100x Conc.	Target
Sodium Fluoride	100 mM	Acid phosphatases
Sodium Orthovanadate	100 mM	Alkaline phosphatases, PTPs, ATPases
Sodium Tartrate	400 mM	Acid phosphatases
Sodium Molybdate	115 mM	Acid and phosphoprotein phosphatases
Imidazole	200 mM	Alkaline phosphatases
(-)-p-Bromotetramisole oxalate	2.5 mM	Alkaline phosphatases
Cantharidin	500 µM	Ser/Thr phosphatases
Microcystin LR, Microcystis aeruginosa	500 nM	PP1 and PP2A

You can order by phone, email or fax

Last updated on December 4, 2013

Tel: +1-832-582-8158

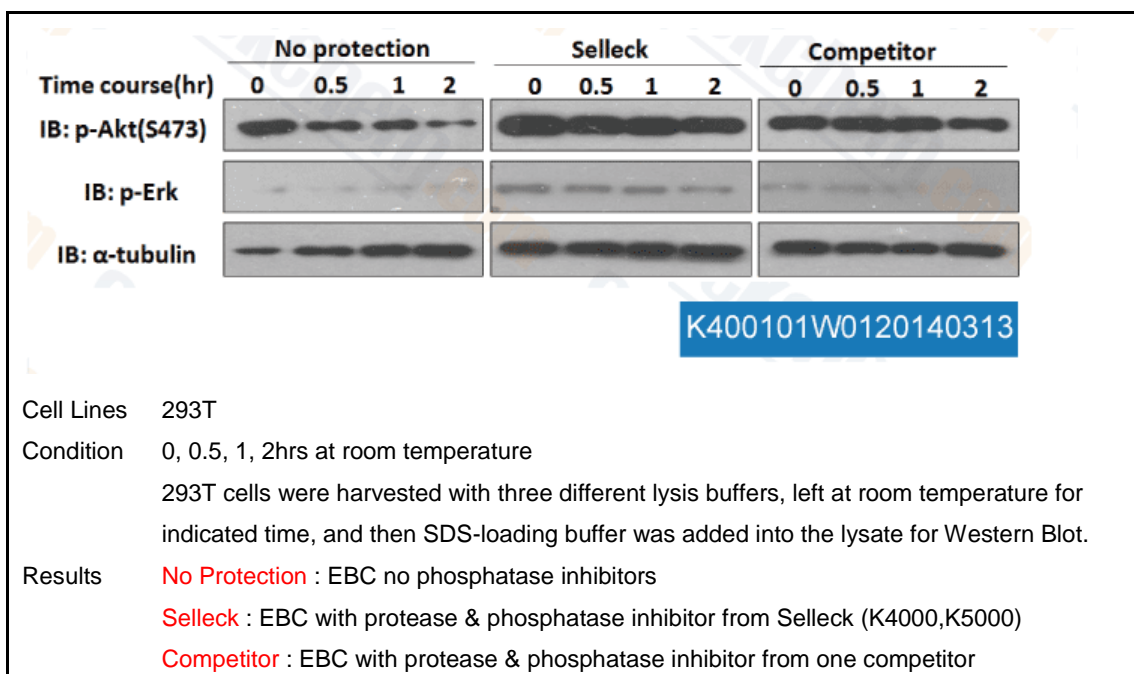
Fax: +1-713-796-9816

Email: sales@selleckchem.com

Product Details

Intro:	A blend of pan-phosphatase inhibitors for protection of phosphorylation state.
Usage:	Thaw tube A and B at room temperature, add at 1:100 (v/v) dilution in solutions (such as cell lysate and tissue extract), before Western Blot analysis, Co-IP, pull-down, IF, IHC, kinase assay and etc...
Storage:	-20°C 12 months.
Shipping:	Blue ice
Compatibility:	Works well in common detergents such as 1% SDS, Triton, NP-40. But DTT, EDTA and EGTA may reduce the protection effect of Sodium Orthovanadate.

Customer Reviews



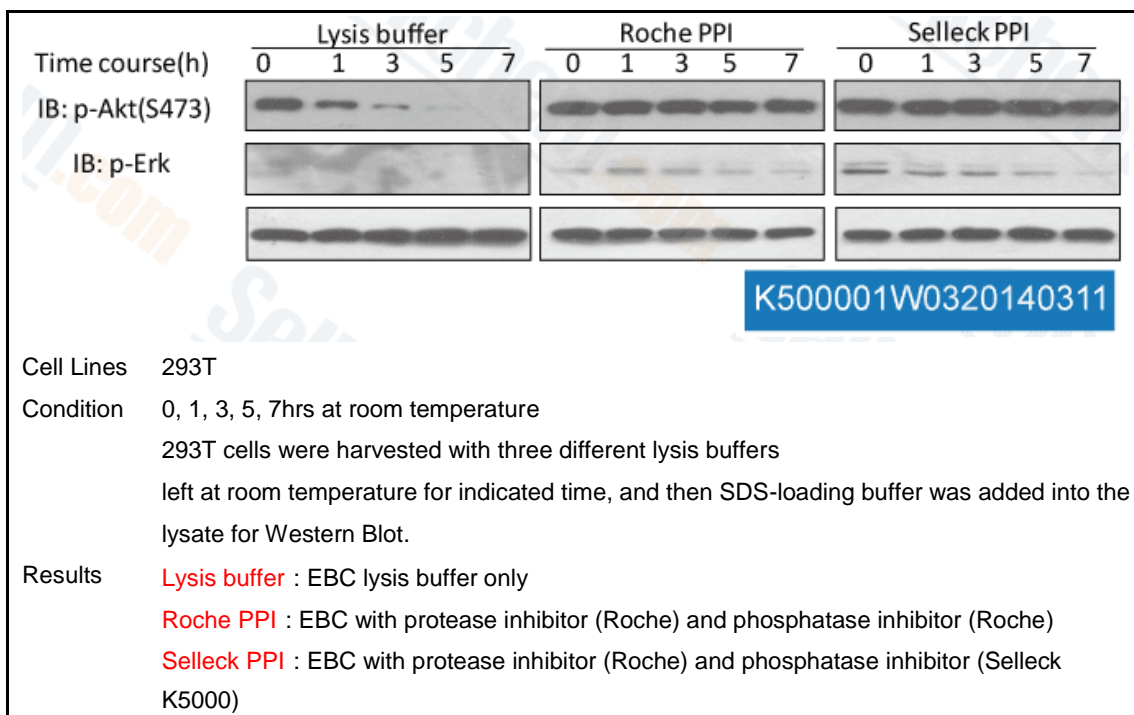
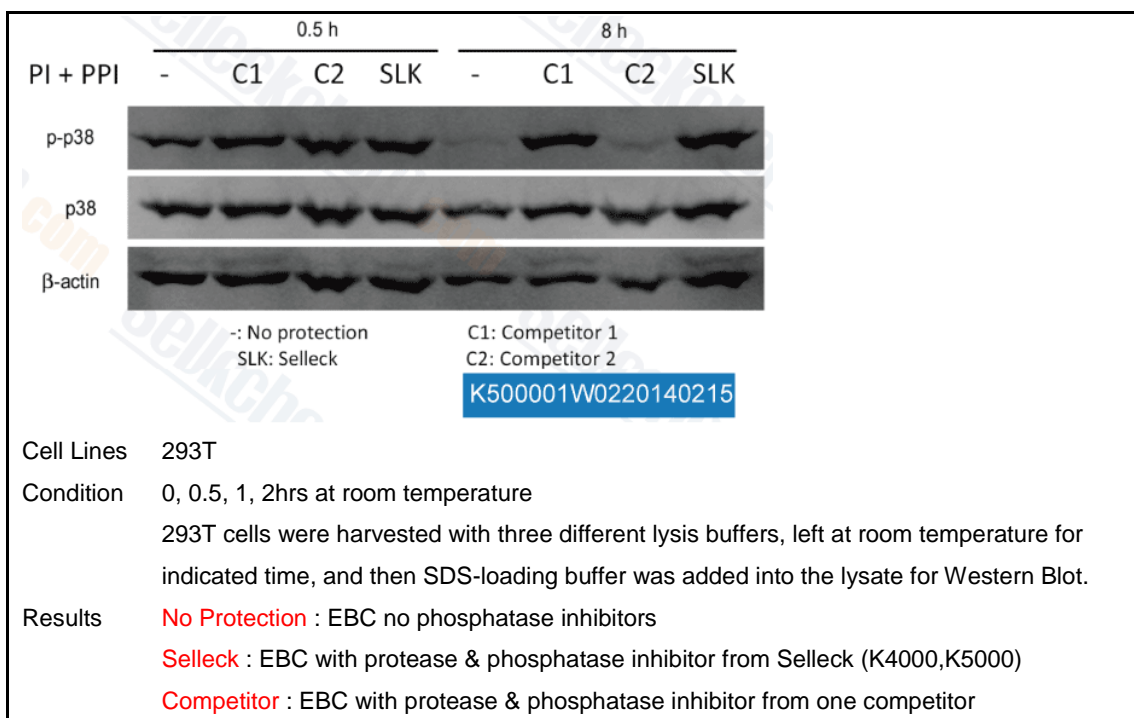
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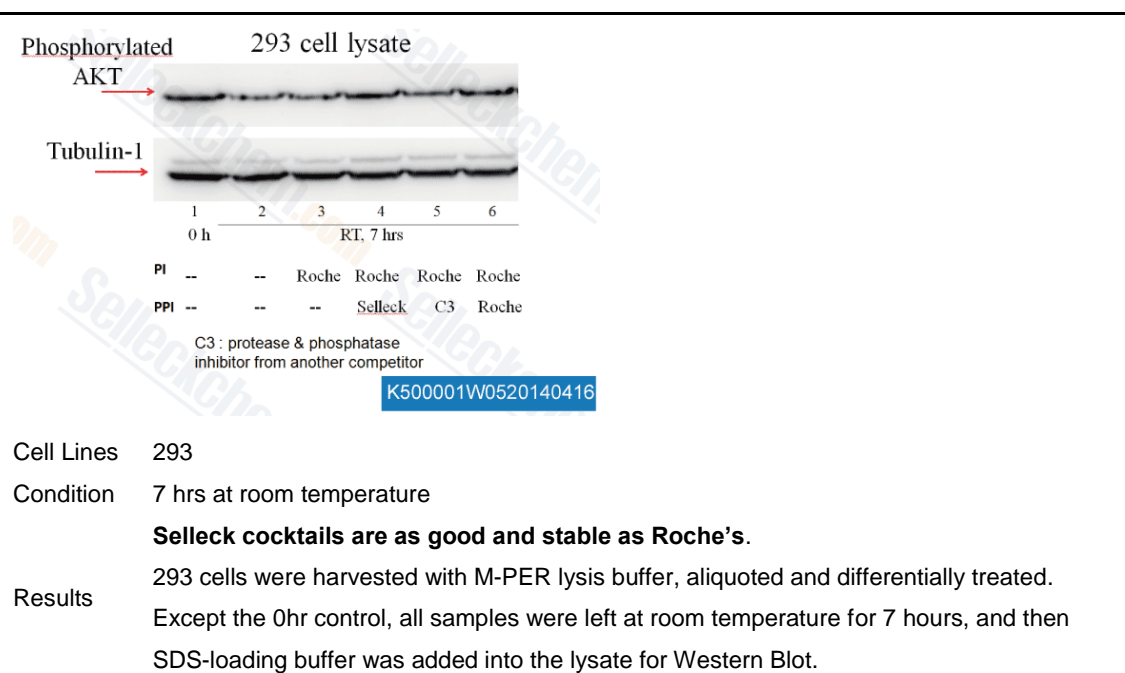
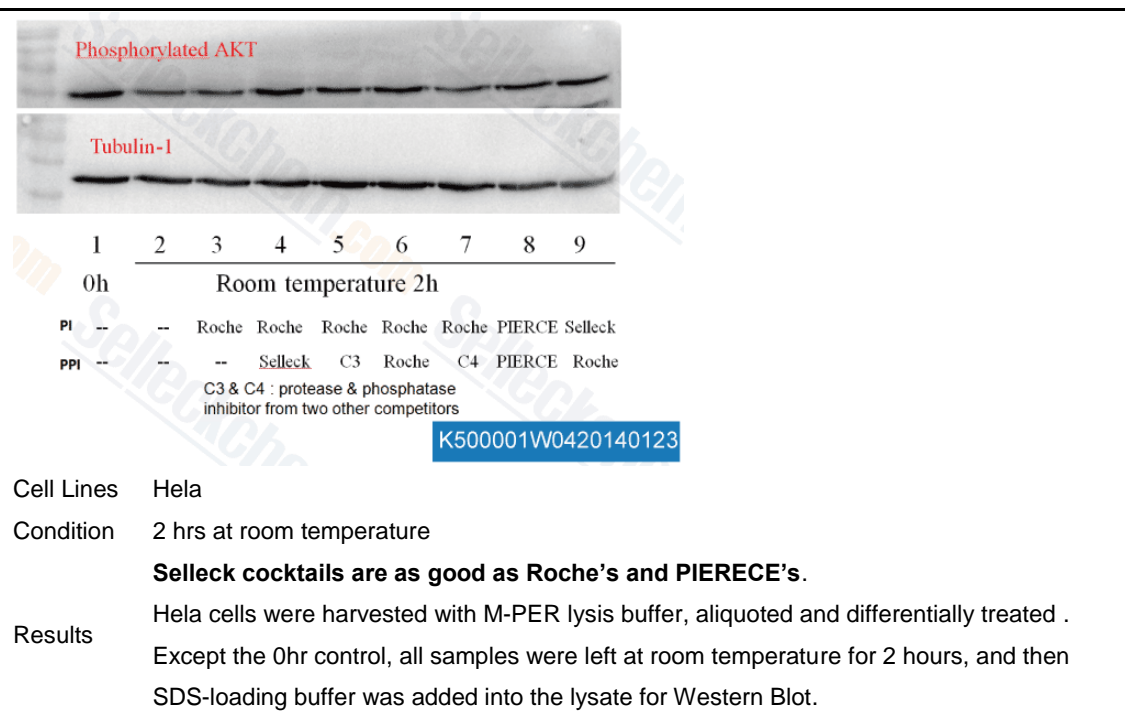
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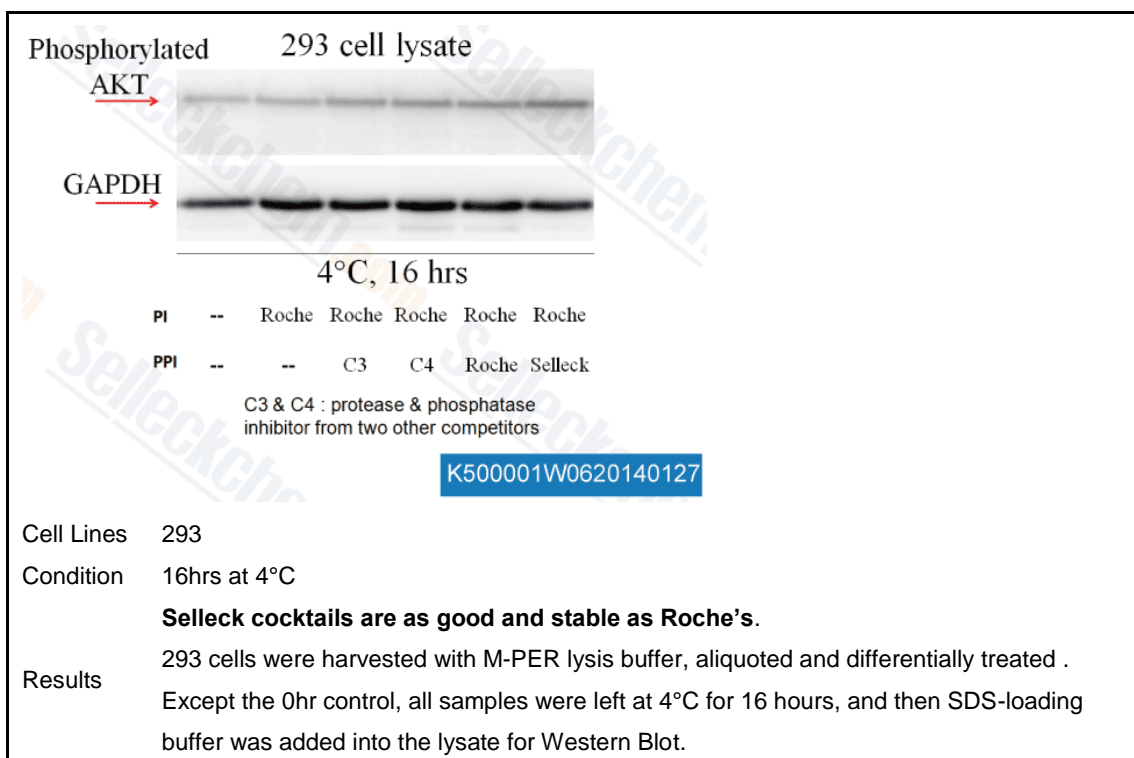
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