

Anti-Thiophosphate ester antibody [51-8] ab133473

重组 RabMAB

★★★★★ **1 Abreviews** **15 References** **2 图像**

概述

产品名称	Anti-Thiophosphate ester抗体[51-8]
描述	兔单克隆抗体[51-8] to Thiophosphate ester
宿主	Rabbit
经测试应用	适用于: IP
种属反应性	与反应: Species independent
免疫原	Chemical/ Small Molecule corresponding to Thiophosphate ester conjugated to keyhole limpet haemocyanin.
阳性对照	HeLa cell lysate
常规说明	<p>This antibody was developed as part of a collaboration between Abcam and the lab of Dr. Kevan Shokat at University of California at San Francisco.</p> <p>This antibody is useful for studying kinase-substrate relationships of interest. The antibody is also context independent in that it can recognize serine, threonine, and tyrosine thiophosphorylated residues in a multitude of kinase phosphorylation consensus motifs.</p> <p>In order for this antibody to work in WB and IP, the customer needs to perform a specific kinase reaction using ATP gamma S and PNBM.</p> <p>See specific Protocol at the bottom of this page for details.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAB[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAB[®] patents.</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.2

Preservative: 0.01% Sodium azide
Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA

纯度

Protein A purified

Primary antibody说明

This antibody is useful for studying kinase-substrate relationships of interest. The antibody is also context independent in that it can recognize serine, threonine, and tyrosine thiophosphorylated residues in a multitude of kinase phosphorylation consensus motifs.

In order for this antibody to work in WB and IP, the customer needs to perform a specific kinase reaction using ATP gamma S and PNBM.

See specific Protocol at the bottom of this page for details.

克隆

单克隆

克隆编号

51-8

同种型

IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab133473 于以下的经测试应用

“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

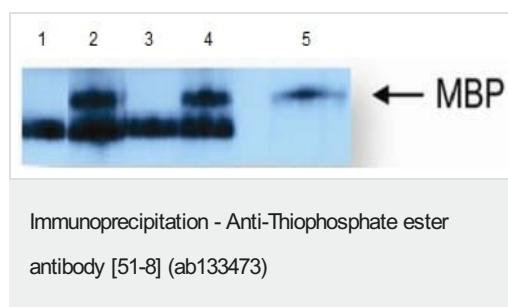
应用	Ab评论	说明
IP	★★★★★ (1)	1/5000. Recommended: 0.5-1 ug of antibody per 1ug of kinase substrate

靶标

相关性

Thiophosphate ester is used as fungicide.

图片



ab133473, at 1:5000, immunoblotting immunoprecipitated samples pre-resolved by SDS-PAGE. Myelin basic protein (MBP) was thiophosphorylated by AS GSK3 beta (GSK3 beta also catalyzes an auto thiophosphorylation reaction). Samples were treated with or without p-nitrobenzyl mesylate (PNBM) for 1 hour at room temperature. PNBM was removed by size exclusion and 1mg/ml of HeLa cell lysate was added to samples.

ab133473 was pre-incubated with protein G beads and was added to sample for an immunoprecipitation at 4°C overnight:

- (1) Thiophosphorylated MBP
- (2) PNBM treated thiophosphorylated MBP sample
- (3) HeLa cell lysate
- (4) HeLa cell lysate with PNBM treated thiophosphorylated MBP

sample

(5) Control

Why choose a recombinant antibody?

Research with confidence
Consistent and reproducible results

Long-term and scalable supply
Recombinant technology

Success from the first experiment
Confirmed specificity

Ethical standards compliant
Animal-free production

Anti-Thiophosphate ester antibody [51-8] (ab133473)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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