

### Anti-Phosphoserine antibody ab9332

★★★★★ [9 Abreviews](#) [145 References](#) [2 图像](#)

#### 概述

产品名称	Anti-Phosphoserine抗体
描述	兔多克隆抗体to Phosphoserine
宿主	Rabbit
特异性	Recognize proteins phosphorylated on serine residues. Does not cross-react with phosphotyrosine. Will detect 50 ng of phosvitin with immunoblotting or 0.5 ng of phosvitin with immunocaptured ELISA. Antibody slightly cross-reacts with phosphothreonine (about 20%) based on indirect ELISA data.
经测试应用	<b>适用于:</b> WB
种属反应性	<b>与反应:</b> Species independent
免疫原	Chemical/ Small Molecule corresponding to Phosphoserine conjugated to keyhole limpet haemocyanin. KLH-phosphoserine conjugate and phosvitin mixture.
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	<p>pH: 6.00</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: Tris buffered saline</p>
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab9332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。

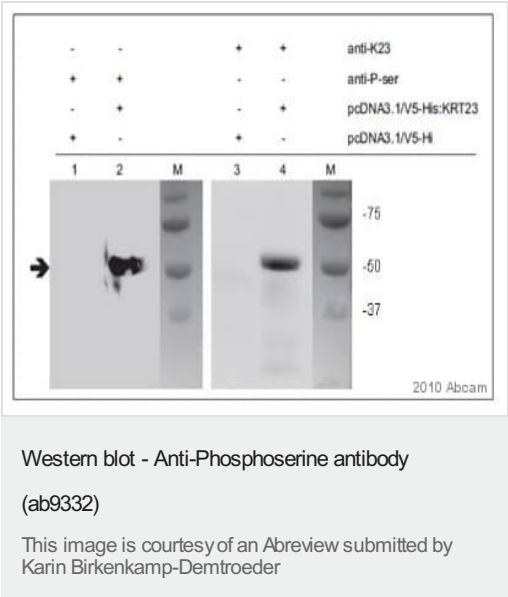
应用	Ab评论	说明
WB	★★★★☆ (7)	Use a concentration of 2 - 4 µg/ml. To block use 3%BSA with 0.1% gelatin (do not use milk). We recommend that the antibody solution should contain 0.5% BSA to prevent non-specific binding.

靶标

**相关性**

Changes in the serine/threonine phosphorylation state of a protein in response to various external stimuli can have profound effects on cellular signal transduction, apoptosis and carcinogenesis. The reagents, including phosphorylated protein/peptides, antibodies against the phosphospecific amino acid, are important tools to explore the activation of serine, threonine or tyrosine containing proteins. An aberrant protein phosphorylation is a hallmark of human disease, and the enzymes, particularly protein kinases, which control protein phosphorylation are recognized as a major new drug target family.

图片



**All lanes :** Anti-Phosphoserine antibody (ab9332) at 3 µg/ml (in PBS for 16 hours)

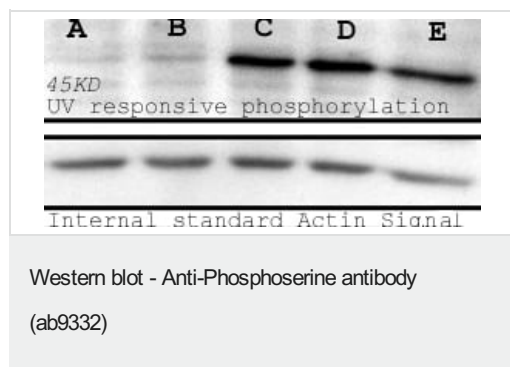
**All lanes :** Whole cell lysate of monkey COS7 cells

Lysates/proteins at 25 µg per lane.

**Secondary**

**All lanes :** An HRP-conjugated Pig anti-rabbit IgG polyclonal at 1/3000 dilution

**Blocking Step:** 10% Milk for 1 hour at room temperature



Western blotting of a melanoma cell lysate with anti-phosphoserine antibodies

The detected band is 53 kD, and is a similar size to the p53 tumor suppressor factor.

The cells were treated with 0, 50, 200 or 400 J UV (lane A to D, respectively) and with 0.1  $\mu$ M of okadaic acid (lane E). Actin level was measured as an internal standard of cell protein.

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

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