

# Anti-PTP1B (phospho S378) antibody [EP1840Y] ab76239

RabMAb

**3 References**   **2 图像**

### 概述

产品名称	Anti-PTP1B (phospho S378)抗体[EP1840Y]
描述	兔单克隆抗体[EP1840Y] to PTP1B (phospho S378)
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P <b>不适用于:</b> Flow Cyt or IP
种属反应性	<b>与反应:</b> Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: HeLa cell lysate untreated or treated with calyculin A IHC-P: Human breast carcinoma tissue
常规说明	Our RabMAb <sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a> .  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.  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&As  Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.

### 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	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
纯度	Tissue culture supernatant

克隆	单克隆
克隆编号	EP1840Y
同种型	IgG

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab76239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。

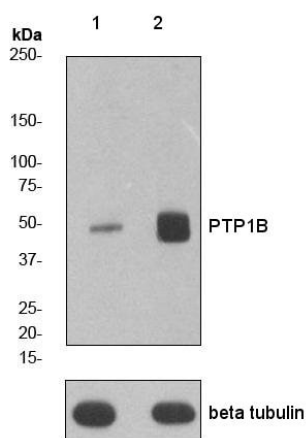
应用	Ab评论	说明
WB		
IHC-P		

应用说明	<p>ICC: 1/100 - 1/250.</p> <p>IHC-P: 1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Use of HRP-conjugated or polymerized HRP secondary antibodies, stronger signals have been found using the polymerized HRP secondary.</p> <p>WB: 1/500000 - 1/1000000. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa).</p> <p>Is unsuitable for Flow Cyt or IP.</p> <p>Not yet tested in other applications.</p> <p>Optimal dilutions/concentrations should be determined by the end user.</p>
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靶标

功能	May play an important role in CKII- and p60c-src-induced signal transduction cascades.
序列相似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 1 subfamily. Contains 1 tyrosine-protein phosphatase domain.
翻译后修饰	Oxidized on Cys-215; the Cys-SOH formed in response to redox signaling reacts with the alpha-amido of the following residue to form a 4-amino-3-isothiazolidinone serine cross-link, triggering a conformational change that inhibits substrate binding and activity. The active site can be restored by reduction.
细胞定位	Endoplasmic reticulum membrane.

图片



Western blot - Anti-PTP1B (phospho S378) antibody [EP1840Y] (ab76239)

**All lanes :** Anti-PTP1B (phospho S378) antibody [EP1840Y] (ab76239) at 1/1000000 dilution

**Lane 1 :** HeLa cell lysates - untreated

**Lane 2 :** HeLa cell lysates - treated with calyculin A

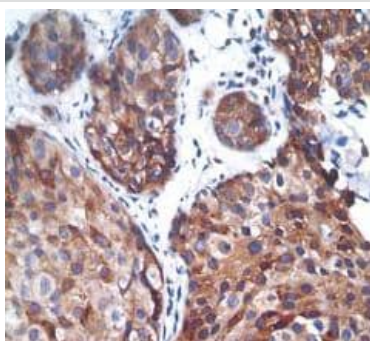
Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes :** Goat anti-rabbit HRP at 1/1000 dilution

**Predicted band size:** 50 kDa

**Observed band size:** 50 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-PTP1B (phospho S378) antibody [EP1840Y] (ab76239)

ab76239, at a 1/50 dilution, staining human PTP1B (phospho S378) in breast carcinoma by Immunohistochemistry, Formalin/PFA-fixed paraffin-embedded tissue.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

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

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