

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

RabMAb

3 References [画像数 2](#)

製品の概要

製品名	Anti-PTP1B (phospho S378) antibody [EP1840Y]
製品の詳細	Rabbit monoclonal [EP1840Y] to PTP1B (phospho S378)
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: Flow Cyt or IP
種交差性	交差種: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
ポジティブ・コントロール	WB: HeLa cell lysate untreated or treated with calyculin A IHC-P: Human breast carcinoma tissue
特記事項	<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> <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&As</p> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
精製度	Tissue culture supernatant

ポリクローナル	モノクローナル
クローン名	EP1840Y
アイソタイプ	IgG

アプリケーション

The Abpromise guarantee **Abpromise保証は、次のテスト済みアプリケーションにおけるab76239の使用に適用されず**
 アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		
IHC-P		

追加情報

ICC: 1/100 - 1/250.
 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.
 WB: 1/500000 - 1/1000000. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa).

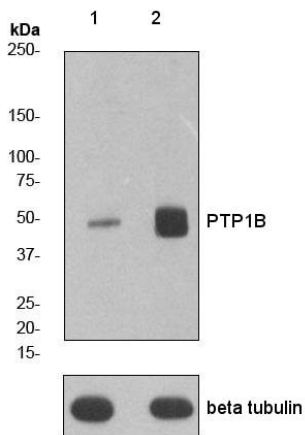
Is unsuitable for Flow Cyt or IP.

Not yet tested in other applications.
 Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能	May play an important role in CKII- and p60c-src-induced signal transduction cascades.
配列類似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class 1 subfamily. Contains 1 tyrosine-protein phosphatase domain.
翻訳後修飾	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.
細胞内局在	Endoplasmic reticulum membrane.

画像



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

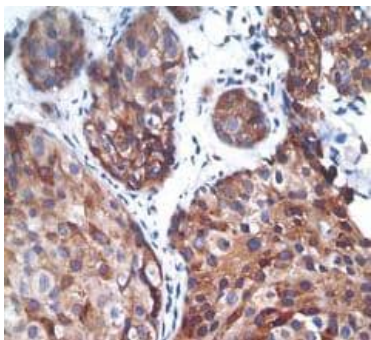
Lysates/proteins at 10 µg per lane.

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.

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