


Anti-PTP1B + TCPTP antibody [EPR6712] ab129070

重组 RabMAb

1 References [5 图像](#)

概述

产品名称	Anti-PTP1B + TCPTP抗体[EPR6712]
描述	兔单克隆抗体[EPR6712] to PTP1B + TCPTP
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IP 不适用于: ICC/IF or IHC-P
种属反应性	与反应: Mouse, Human 预测可用于: Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HL60, NIH 3T3, MOLT4 and HepG2 whole cell lysate (ab7900); Mouse placenta and thymus lysates.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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 For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
纯度	Protein A purified
克隆	单克隆

克隆编号

EPR6712

同种型

IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用 ab129070 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
Flow Cyt (Intra)		1/200.
WB		1/1000 - 1/10000. Detects a band of approximately 45-48 kDa (predicted molecular weight: 48 kDa).
IP		1/10 - 1/100.

应用说明

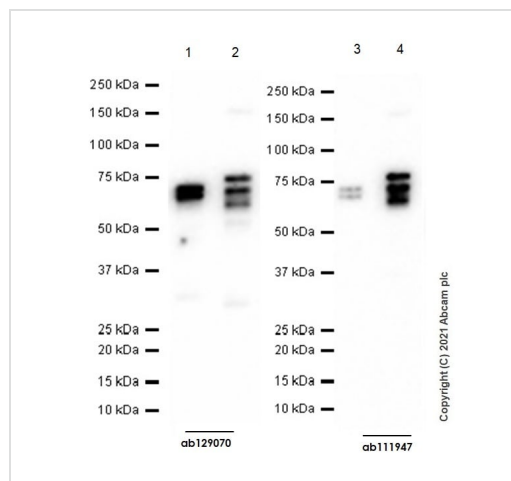
Is unsuitable for ICC/IF or IHC-P.

靶标

细胞定位

PTP1B: Endoplasmic reticulum membrane. TCPTP: Cytoplasm; Nucleus and Endoplasmic reticulum.

图片



Lanes 1-2 : Anti-PTP1B + TCPTP antibody [EPR6712]

(ab129070) at 1/1000 dilution

Lanes 3-4 : Anti-GST antibody [EPR4236] ([ab111947](#)) at 1/1000

dilution

Lanes 1 & 3 : N-GST tagged full length recombinant human

TCPTP (PTPN2) protein 10ng

Lanes 2 & 4 : N-GST tagged full length recombinant human PTP1B

(PTPN1) protein 10ng

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000

dilution

Predicted band size: 48 kDa

Observed band size: 68-75 kDa

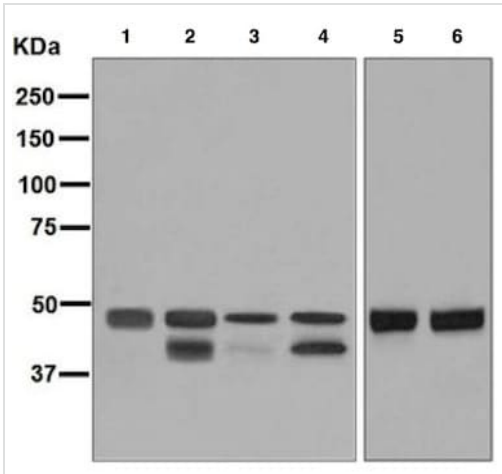
Exposure time: 5 seconds

Western blot - Anti-PTP1B + TCPTP antibody [EPR6712] (ab129070)

Blocking and diluting buffer and concentration: 5% NFD/MBST

N-GST tagged full length recombinant human TCPTP protein (Cat#: **ab268903**)

N-GST tagged Full length Recombinant human PTP1B protein (Cat#: **ab268897**)



Western blot - Anti-PTP1B + TCPTP antibody [EPR6712] (ab129070)

All lanes : Anti-PTP1B + TCPTP antibody [EPR6712] (ab129070) at 1/1000 dilution

Lane 1 : HL60 cell lysate

Lane 2 : NIH/3T3 cell lysate

Lane 3 : Mouse placenta tissue lysate

Lane 4 : Mouse thymus tissue lysate

Lane 5 : MOLT4 cell lysate

Lane 6 : HepG2 cell lysate

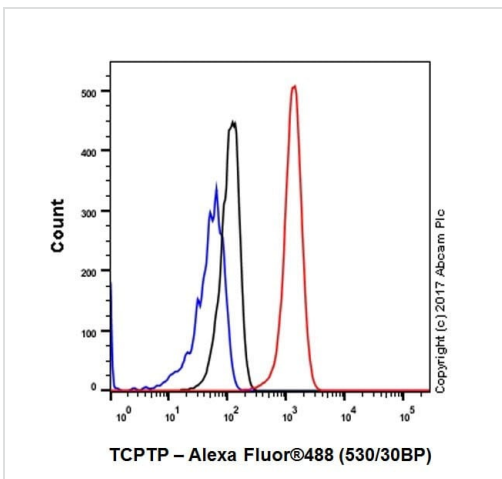
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat anti-Rabbit HRP at 1/2000 dilution

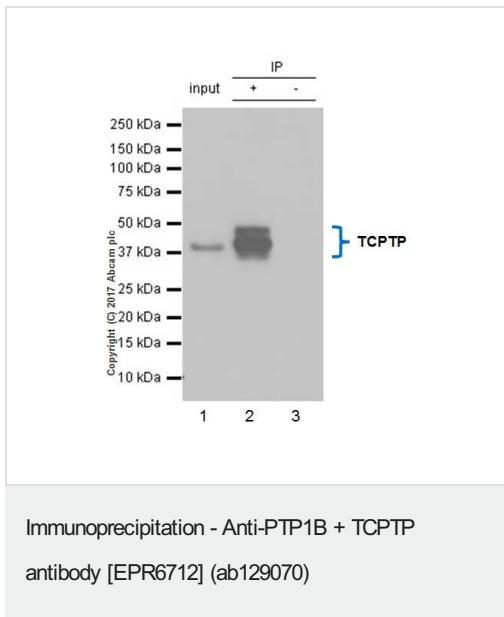
Predicted band size: 48 kDa

Observed band size: 45-48 kDa



Flow Cytometry (Intracellular) - Anti-PTP1B + TCPTP antibody [EPR6712] (ab129070)

Intracellular flow cytometric analysis of MOLT-4 (human lymphoblastic leukemia T lymphoblast) cell line fixed with 4% paraformaldehyde and permeabilized with 90% methanol labeling TCPTP with ab129070 at 1/200 dilution (red). This is compared with a Rabbit monoclonal IgG - Isotype control (**ab172730**) (black) and a unlabelled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat Anti-rabbit IgG (Alexa Fluor®488) (**ab150077**) at 1/2000 dilution was used as the secondary antibody.



Lane 1 (input): MOLT-4 (human lymphoblastic leukemia T lymphoblast) whole cell lysate, 10µg

Lane 2 (+): MOLT-4 whole cell lysate

Lane 3 (-): Rabbit monoclonal IgG (**ab172730**) instead of ab129070 in MOLT-4 whole cell lysate.

Ab129070 Immunoprecipitating TCPTP in MOLT-4 whole cell lysate. Capture antibody was used at a 1:20 dilution (0.6µg in 0.35mg lysates). For western blotting, primary antibody used was ab129070 at 1:1000 dilution. VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used for detection at 1/1000 dilution.

Blocking and diluting buffer: 5% NFDm/TBST

Exposure time: 1second.

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-PTP1B + TCPTP antibody [EPR6712] (ab129070)

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

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