

Product datasheet

Anti-HePTP / PTPN7 antibody [3B10] ab118978

画像数 3

製品の概要

製品名	Anti-HePTP / PTPN7 antibody [3B10]
製品の詳細	Mouse monoclonal [3B10] to HePTP / PTPN7
由来種	Mouse
アプリケーション	<b>適用あり:</b> WB, ICC/IF
種交差性	<b>交差種:</b> Mouse, Rat, Dog, Human
免疫原	Recombinant full length Human HePTP/PTPN7 protein produced in HEK293T cells (NP_542155).
ポジティブ・コントロール	HepG2, HeLa, SVT2, MDCK, PC12 and MCF7 cell lysates. HEK293T cell lysate transfected with pCMV6-ENTRY HePTP / PTPN7 cDNA. COS7 cells transiently transfected by pCMV6-ENTRY HePTP / PTPN7.
特記事項	Dilute in PBS (pH7.3) before use.

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 repeated freeze / thaw cycles.
バッファー	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 1% BSA, 50% Glycerol
精製度	Protein A purified
特記事項(精製)	Purified from mouse ascites fluids by affinity chromatography.
ポリ/モノ	モノクローナル
クローン名	3B10
アイソタイプ	IgG2b

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab118978** in the following tested applications.

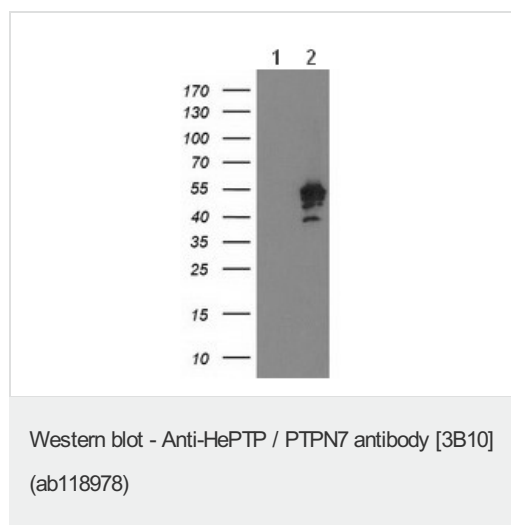
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/500 - 1/2000. Predicted molecular weight: 41 kDa.
ICC/IF		1/100.

## ターゲット情報

機能	Protein phosphatase that acts preferentially on tyrosine-phosphorylated MAPK1. Plays a role in the regulation of T and B-lymphocyte development and signal transduction.
組織特異性	Expressed exclusively in thymus and spleen.
配列類似性	Belongs to the protein-tyrosine phosphatase family. Non-receptor class subfamily. Contains 1 tyrosine-protein phosphatase domain.
翻訳後修飾	Phosphorylated on serine residues in resting T-cells. Phosphorylation increases upon exposure to stimuli that increase intracellular cAMP levels. Phosphorylation leads to dissociation of bound MAP kinases.
細胞内局在	Cytoplasm.

## 画像



**All lanes :** Anti-HePTP / PTPN7 antibody [3B10] (ab118978) at 1/500 dilution

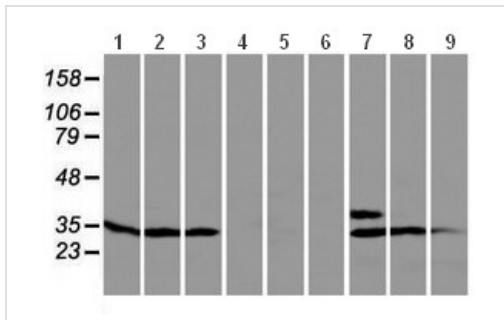
**Lane 1 :** HEK293T cells were transfected with the pCMV6-ENTRY control

**Lane 2 :** HEK293T cells were transfected with the pCMV6-ENTRY HePTP/PTPN7 cDNA

Lysates/proteins at 5 µg per lane.

**Predicted band size:** 41 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC216254)



Western blot - Anti-HePTP / PTPN7 antibody [3B10] (ab118978)

**All lanes :** Anti-HePTP / PTPN7 antibody [3B10] (ab118978) at 1/500 dilution

**Lane 1 :** HepG2 cell lysate

**Lane 2 :** HeLa cell lysate

**Lane 3 :** SVT2 cell lysate

**Lane 4 :** A549 cell lysate

**Lane 5 :** COS7 cell lysate

**Lane 6 :** Jurkat cell lysate

**Lane 7 :** MDCK cell lysate

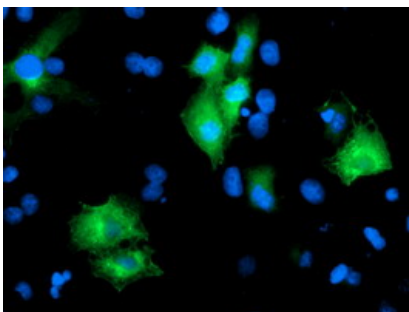
**Lane 8 :** PC12 cell lysate

**Lane 9 :** MCF7 cell lysate

Lysates/proteins at 35 µg per lane.

**Predicted band size:** 41 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC216254)



Immunocytochemistry/ Immunofluorescence - Anti-HePTP / PTPN7 antibody [3B10] (ab118978)

Anti-HePTP/PTPN7 mouse monoclonal antibody (ab118978) at 1/100 immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY HePTP/PTPN7 cDNA.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish

- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors