

# Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] ab62324

リコンビナント RabMAb

## 4 References [画像数 4](#)

### 製品の概要

製品名	Anti-RSK1 p90 (phospho T573) antibody [EP2133Y]
製品の詳細	Rabbit monoclonal [EP2133Y] to RSK1 p90 (phospho T573)
由来種	Rabbit
アプリケーション	<b>適用あり:</b> ICC/IF, WB <b>適用なし:</b> IHC-P
種交差性	<b>交差種:</b> 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	K562 cell lysate.
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>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>.</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. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Stable for 12 months at -20°C.
バッファー	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol, 0.05% BSA
精製度	Protein A purified
ポリ/モノ	モノクローナル

クローン名 EP2133Y  
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ab62324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
ICC/IF		1/100 - 1/500.
WB		1/500 - 1/2000. Detects a band of approximately 83 kDa (predicted molecular weight: 83 kDa).

**追加情報** Is unsuitable for IHC-P.

## ターゲット情報

**機能** Serine/threonine kinase that may play a role in mediating the growth-factor and stress induced activation of the transcription factor CREB.

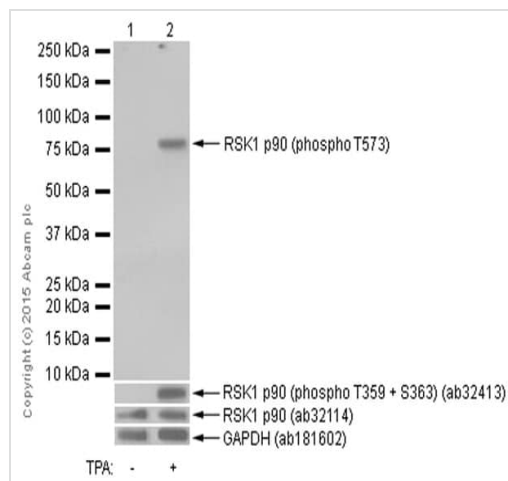
**配列類似性** Belongs to the protein kinase superfamily. AGC Ser/Thr protein kinase family. S6 kinase subfamily.

Contains 1 AGC-kinase C-terminal domain.

Contains 2 protein kinase domains.

**翻訳後修飾** Autophosphorylated on Ser-380, as part of the activation process.

## 画像



Western blot - Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324)

**All lanes :** Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324) at 1/2000 dilution (purified)

**Lane 1 :** Untreated Ramos whole cell lysate

**Lane 2 :** Ramos treated with Phorbol-12-myristate-13-acetate whole cell lysate

Lysates/proteins at 10 µg per lane.

### Secondary

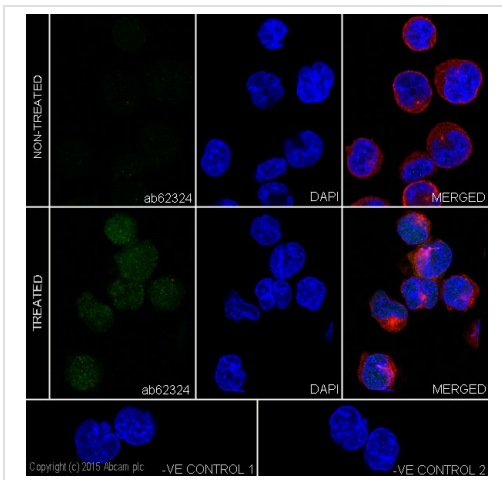
**All lanes :** Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 83 kDa

**Observed band size:** 83 kDa

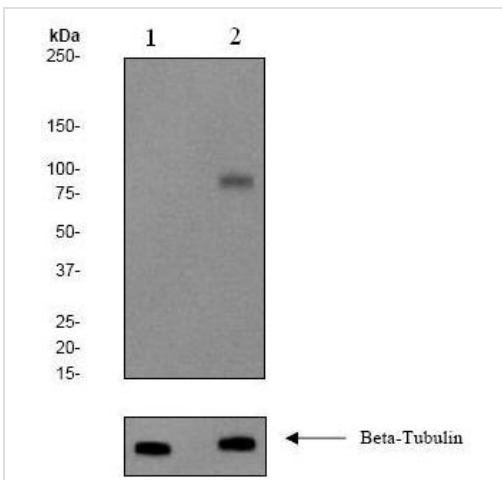
Blocking buffer: 5% NFDM/TBST

Dilution buffer: 5% NFDM/TBST



Immunocytochemistry/ Immunofluorescence - Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324)

Immunofluorescence staining of K562 cells with purified ab62324 at a working dilution of 1/500, counter-stained with DAPI. The cells were treated with 500 nM TPA for 15 minutes. Both the treated and untreated cells are shown. The secondary antibody was Alexa Fluor<sup>®</sup> 488 goat anti-rabbit (**ab150077**), used at a dilution of 1/1000. **ab7291**, a mouse anti-tubulin antibody (1/1000), was used to stain tubulin along with **ab150120** (Alexa Fluor<sup>®</sup> 594 goat anti-mouse, 1/1000), shown in the right hand panels. The cells were fixed in 4% PFA and permeabilized using 0.1% Triton X 100. The negative controls are shown in the bottom panels - for negative control 1, purified ab62324 was used at a dilution of 1/500 followed by an Alexa Fluor<sup>®</sup> 594 goat anti-mouse antibody (**ab150120**) at a dilution of 1/500. For negative control 2, **ab7291** (mouse anti-tubulin) was used at a dilution of 1/500 followed by an Alexa Fluor<sup>®</sup> 488 goat anti-rabbit antibody (**ab150077**) at a dilution of 1/400.



Western blot - Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324)

**All lanes** : Anti-RSK1 p90 (phospho T573) antibody [EP2133Y] (ab62324) at 1/500 dilution (Unpurified)

**Lane 1** : K562 cell lysate; untreated

**Lane 2** : K562 cell lysate; treated with TPA

Lysates/proteins at 10 µg per lane.

#### Secondary

**All lanes** : goat anti-rabbit HRP conjugated, at 1/2000 dilution

**Predicted band size:** 83 kDa

**Observed band size:** 83 kDa

Beta Tubulin has been included as a loading control.

### 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-RSK1 p90 (phospho T573) antibody [EP2133Y]  
(ab62324)

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

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