

Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] ab68136

リコンビナント RabMAb[®]

3 References [画像数 8](#)

製品の概要

製品名	Anti-Rb2 p130 (phospho S952) antibody [EP2387AY]
製品の詳細	Rabbit monoclonal [EP2387AY] to Rb2 p130 (phospho S952)
由来種	Rabbit
アプリケーション	適用あり: WB, IHC-P 適用なし: ICC/IF
種交差性	交差種: Mouse, 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: Jurkat and RAW 264.7 cell lysate; mouse heart tissue lysate IHC-P: human breast and lung carcinoma tissue, Mouse cerebrum
特記事項	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <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>Rat: We have preliminary internal testing data to indicate this antibody may not react with this 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. Avoid freeze / thaw cycle.
バッファー	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 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	EP2387AY
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ab68136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		1/2000. Detects a band of approximately 128 kDa (predicted molecular weight: 128 kDa). For unpurified use at 1/10000 - 1/500000.
IHC-P		1/600. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. See <u>IHC antigen retrieval protocols.</u> For unpurified use at 1/100 - 1/250.

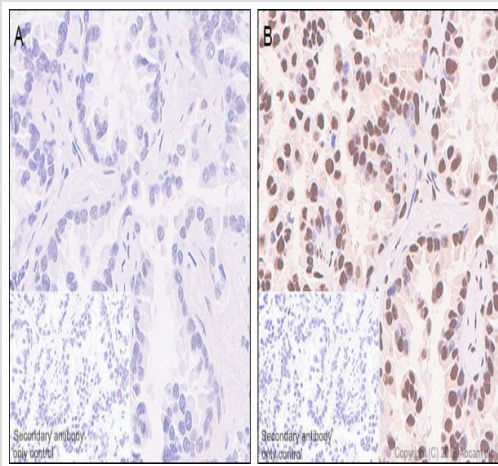
追加情報 Is unsuitable for ICC/IF.

ターゲット情報

関連性 Two retinoblastoma related proteins, p107 and pRb2 / p130, which are structurally and functionally similar to the product of the retinoblastoma gene (pRb / p105), were cloned by taking advantage of their ability to bind transforming proteins of DNA tumor viruses through a particular region called the "pocket domain." Like pRb, both proteins play a fundamental role in growth control. These Rb family proteins were measured in a variety of lung neoplasms. The highest percentage of undetectable levels and the tightest inverse correlation with the histological grading and with PCNA expression in the most aggressive tumor types were found for pRb2 / p130, which may suggest an important role for this protein in the pathogenesis and progression of lung cancer.

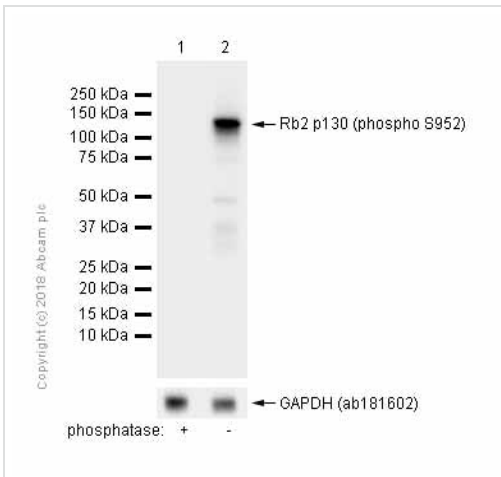
細胞内局在 Nuclear

画像



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human lung cancer with alkaline phosphatase treatment (image A) and treated without alkaline phosphatase (image B) tissue sections labeling Rb2 p130 with purified ab68136 at 1/600 dilution (0.36 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136)

All lanes : Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136) at 1/2000 dilution (Purified)

Lane 1 : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysates. Then the membrane was incubated with phosphatase

Lane 2 : Jurkat (Human T cell leukemia T lymphocyte) whole cell lysates

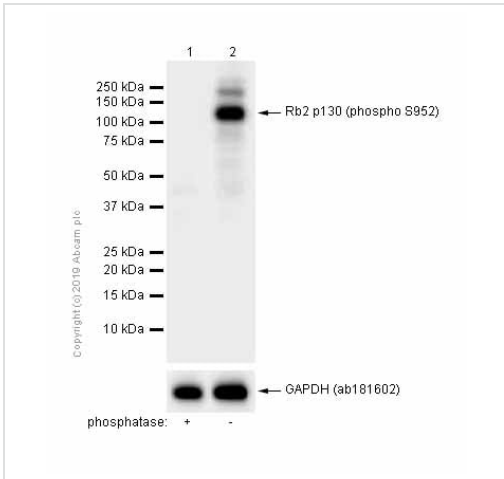
Lysates/proteins at 15 µg per lane.

Secondary

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

Predicted band size: 128 kDa

Observed band size: 128 kDa



Western blot - Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136)

All lanes : Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136) at 1/5000 dilution (Purified)

Lane 1 : RAW 264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysates. Then the membrane was incubated with phosphatase

Lane 2 : RAW 264.7 (Mouse Abelson murine leukemia virus-induced tumor macrophage) whole cell lysates

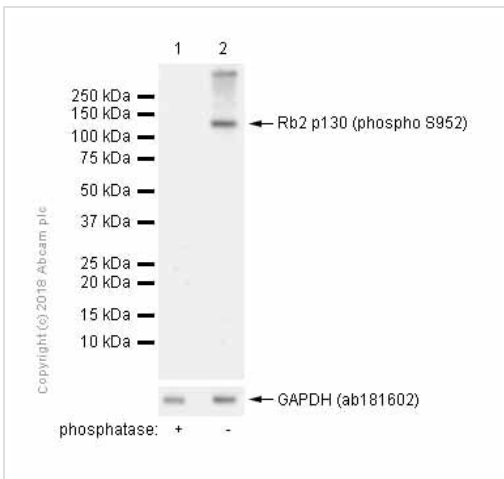
Lysates/proteins at 15 µg per lane.

Secondary

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

Predicted band size: 128 kDa

Observed band size: 128 kDa



Western blot - Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136)

All lanes : Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136) at 1/2000 dilution (Purified)

Lane 1 : Mouse heart lysates. Then the membrane was incubated with phosphatase

Lane 2 : Mouse heart lysates

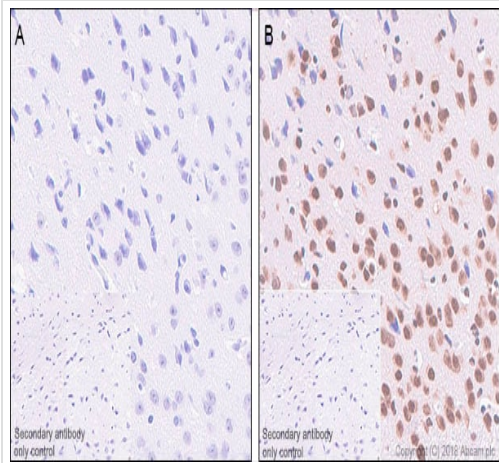
Lysates/proteins at 15 µg per lane.

Secondary

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

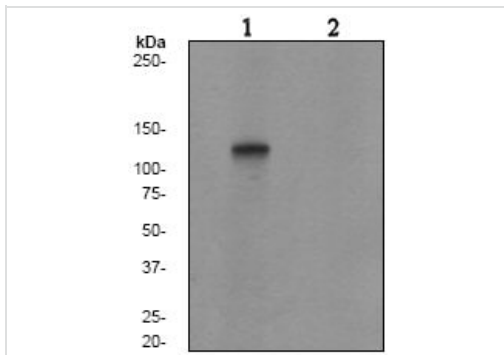
Predicted band size: 128 kDa

Observed band size: 128 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Mouse cerebrum with alkaline phosphatase treatment (image A) and treated without alkaline phosphatase (image B) tissue sections labeling Rb2 p130 with purified ab68136 at 1/600 dilution (0.36 $\mu\text{g/ml}$). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136)

All lanes : Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136) at 1/500000 dilution (unpurified)

Lane 1 : Jurkat cell lysate, untreated

Lane 2 : Jurkat cell lysate, treated with AP

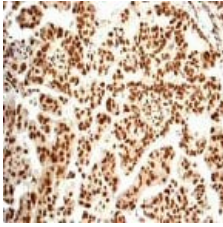
Lysates/proteins at 10 μg per lane.

Secondary

All lanes : HRP-labeled goat anti-mouse at 1/2000 dilution

Predicted band size: 128 kDa

Observed band size: 128 kDa



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using ab68136 (unpurified) at a dilution of 1/100.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Rb2 p130 (phospho S952) antibody [EP2387AY] (ab68136)

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-Rb2 p130 (phospho S952) antibody
[EP2387AY] (ab68136)

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

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