

Anti-p130 (phospho T986) antibody [EPR2389(2)] ab211928

リコンビナント **RabMAb**

画像数 6

製品の概要

製品名	Anti-p130 (phospho T986) antibody [EPR2389(2)]
製品の詳細	Rabbit monoclonal [EPR2389(2)] to p130 (phospho T986)
由来種	Rabbit
アプリケーション	適用あり: Flow Cyt (Intra), WB, IP
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 NIH/3T3 whole cell lysates. Flow Cyt (intra): Jurkat cells. IP: NIH/3T3 whole 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"> - 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>

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 long term. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	EPR2389(2)
アイソタイプ	IgG

アプリケーション

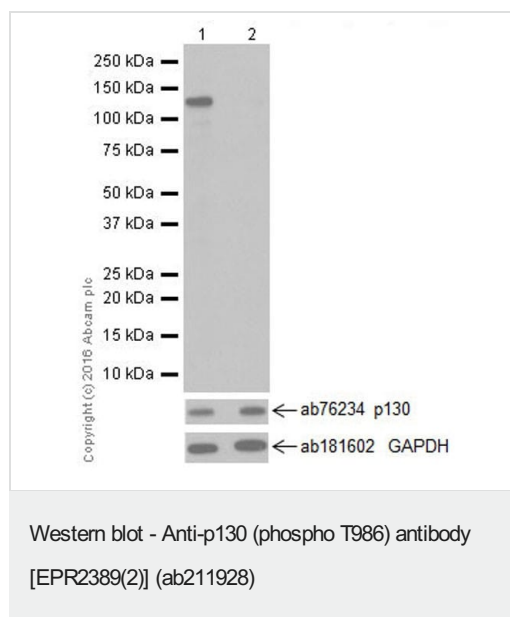
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab211928の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
Flow Cyt (Intra)		1/200.
WB		1/1000. Detects a band of approximately 128 kDa (predicted molecular weight: 128 kDa).
IP		1/100.

ターゲット情報

機能	Key regulator of entry into cell division. Directly involved in heterochromatin formation by maintaining overall chromatin structure and, in particular, that of constitutive heterochromatin by stabilizing histone methylation. Recruits and targets histone methyltransferases SUV420H1 and SUV420H2, leading to epigenetic transcriptional repression. Controls histone H4 'Lys-20' trimethylation. Probably acts as a transcription repressor by recruiting chromatin-modifying enzymes to promoters. Potent inhibitor of E2F-mediated trans-activation, associates preferentially with E2F5. Binds to cyclins A and E. Binds to and may be involved in the transforming capacity of the adenovirus E1A protein. May act as a tumor suppressor.
配列類似性	Belongs to the retinoblastoma protein (RB) family.
発生段階	G0-restricted expression.
翻訳後修飾	During G0 and early G1 phase of the cell cycle, phosphorylated on Ser-639 and on 5 sites within the domain B. Phosphorylation on Ser-672 in G1 leads to its ubiquitin-dependent proteolysis.
細胞内局在	Nucleus.

画像



All lanes : Anti-p130 (phospho T986) antibody [EPR2389(2)]
(ab211928) at 1/1000 dilution

Lane 1 : Untreated Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

Lane 2 : Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate treated with phosphatase on the membrane

Lysates/proteins at 10 µg per lane.

Secondary

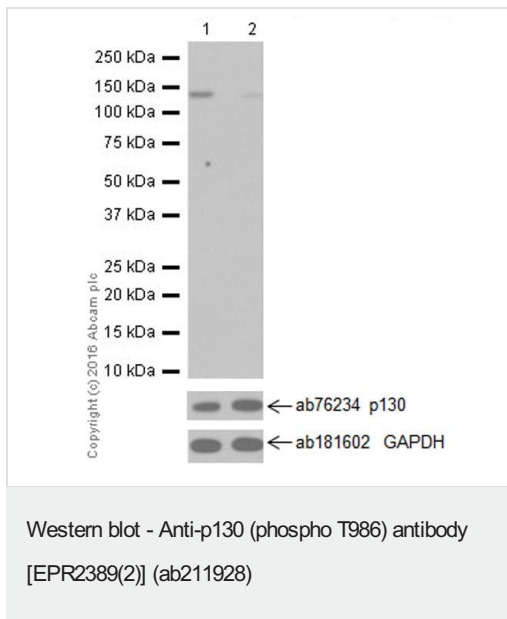
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 128 kDa

Observed band size: 128 kDa

Exposure time: 15 seconds

Blocking/Dilution buffer: 2% BSA.



All lanes : Anti-p130 (phospho T986) antibody [EPR2389(2)] (ab211928) at 1/1000 dilution

Lane 1 : Untreated NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate

Lane 2 : NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate treated with phosphatase on the membrane

Lysates/proteins at 10 µg per lane.

Secondary

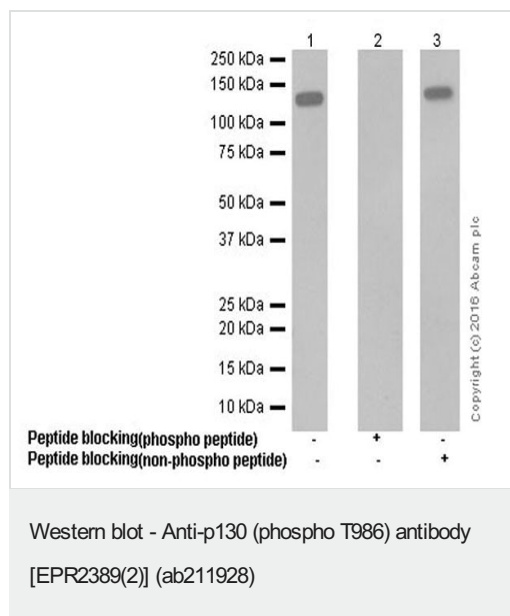
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 128 kDa

Observed band size: 128 kDa

Exposure time: 30 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes : Anti-p130 (phospho T986) antibody [EPR2389(2)] (ab211928) at 1/1000 dilution

Lane 1 : Untreated Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

Lane 2 : Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate with single phospho peptide

Lane 3 : Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate with non phospho peptide

Lysates/proteins at 10 µg per lane.

Secondary

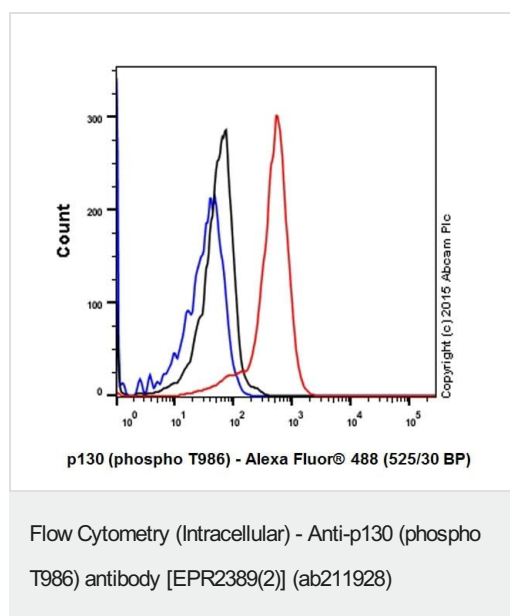
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 128 kDa

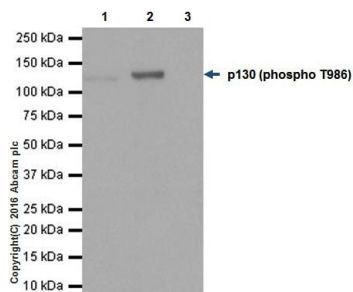
Observed band size: 128 kDa

Exposure time: 30 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.



Intracellular flow cytometric analysis of 4% paraformaldehyde-fixed Jurkat (Human T cell leukemia cell line from peripheral blood) cells labeling p130 (phospho T986) with ab211928 at 1/200 dilution (red) compared with a rabbit monoclonal IgG isotype control ([ab172730](#); black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody; blue). Goat Anti-Rabbit IgG (Alexa Fluor® 488) at 1/2000 dilution was used as the secondary antibody.



Immunoprecipitation - Anti-p130 (phospho T986)
antibody [EPR2389(2)] (ab211928)

p130 (phospho T986) was immunoprecipitated from 0.35 mg of NIH/3T3 (Mouse embryonic fibroblast cell line) whole cell lysate with ab211928 at 1/100 dilution. Western blot was performed from the immunoprecipitate using ab211928 at 1/500 dilution. VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)), was used for detection at 1/10,000 dilution

Lane 1: NIH/3T3 whole cell lysate 10µg (Input).

Lane 2: ab211928 IP in NIH/3T3 whole cell lysate.

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab211928 in NIH/3T3 whole cell lysate.

Blocking and dilution buffer and concentration: 5% NFDM/TBST.

Exposure time: 3 minutes.

Why choose a recombinant antibody?



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reproducible results



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scalable supply
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first experiment
Confirmed
specificity



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compliant
Animal-free
production

Anti-p130 (phospho T986) antibody [EPR2389(2)]
(ab211928)

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