

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

重组 RabMAb

6 图像

概述

产品名称	Anti-p130 (phospho T986)抗体[EPR2389(2)]
描述	兔单克隆抗体[EPR2389(2)] to p130 (phospho T986)
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), WB, IP
种属反应性	与反应: Mouse, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: Jurkat and NIH/3T3 whole cell lysates. Flow Cyt (intra): Jurkat cells. IP: NIH/3T3 whole cell lysate.
常规说明	<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>

性能

形式	Liquid
存放说明	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.
存储溶液	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR2389(2)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab211928于以下的经测试应用

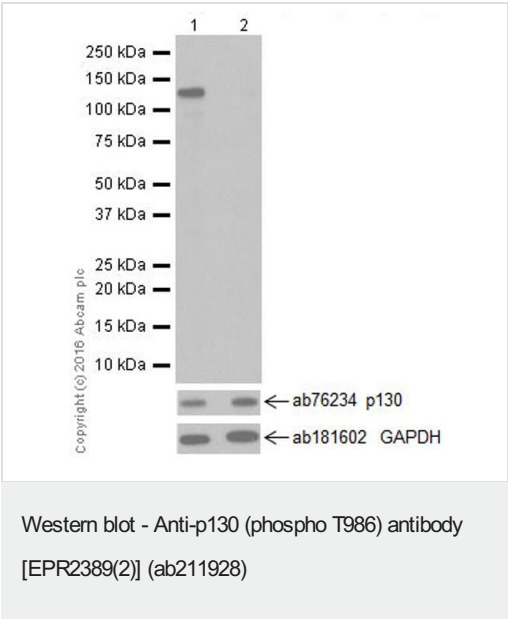
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/200.
WB		1/1000. Detects a band of approximately 128 kDa (predicted molecular weight: 128 kDa).
IP		1/100.

靶标

功能	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.
序列相似性	Belongs to the retinoblastoma protein (RB) family.
发展阶段	G0-restricted expression.
翻译后修饰	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.
细胞定位	Nucleus.

图片



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

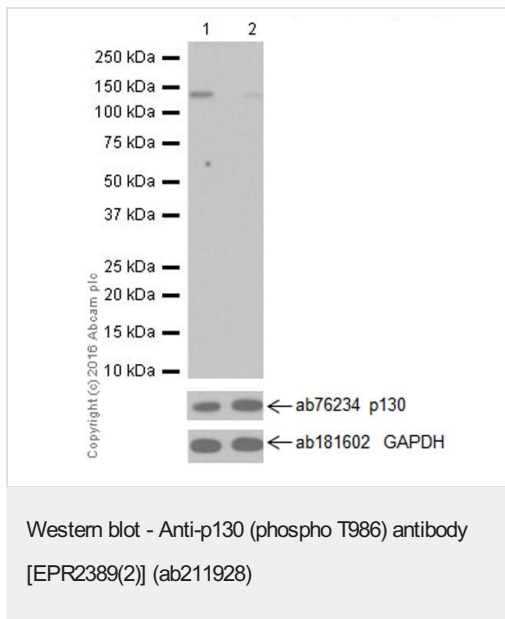
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

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

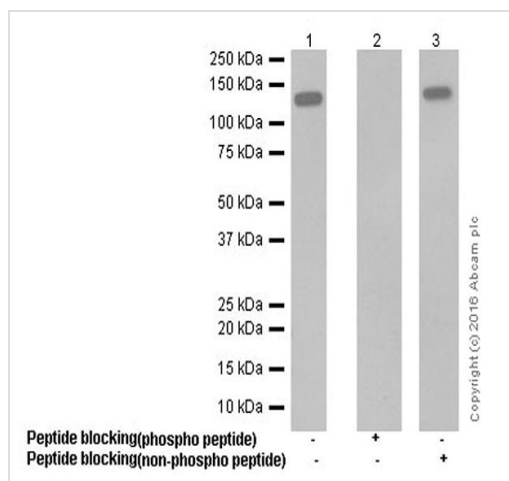
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/100000 dilution

Predicted band size: 128 kDa

Observed band size: 128 kDa

Exposure time: 30 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.



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

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

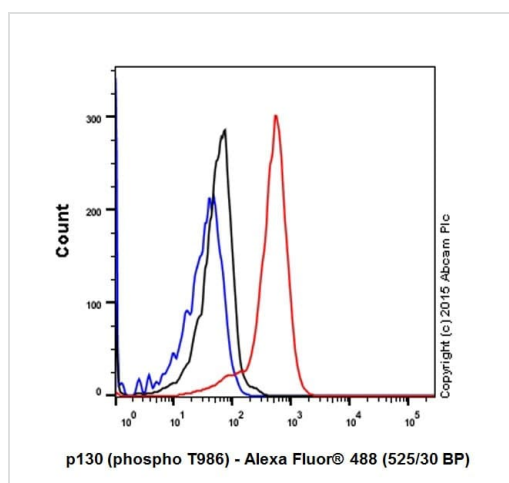
All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 128 kDa

Observed band size: 128 kDa

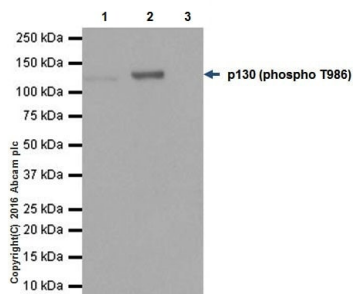
Exposure time: 30 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.



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

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).

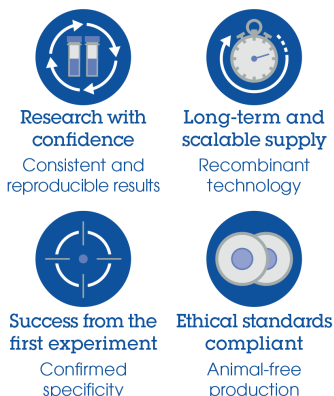
Lane 2: ab211928 IP in NIH/3T3 whole cell lysate.

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?



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

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