

# Anti-p130 (phospho T986) antibody [EPR2389(2)] - BSA and Azide free ab251534

重组 RabMAb

## 6 图像

### 概述

产品名称	Anti-p130 (phospho T986)抗体[EPR2389(2)] - BSA and Azide free
描述	兔单克隆抗体[EPR2389(2)] to p130 (phospho T986) - BSA and Azide free
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.
常规说明	<p>ab251534 is the carrier-free version of <a href="#">ab211928</a>.</p> <p>Our <b>carrier-free</b> antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <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>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
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ab251534于以下的经测试应用

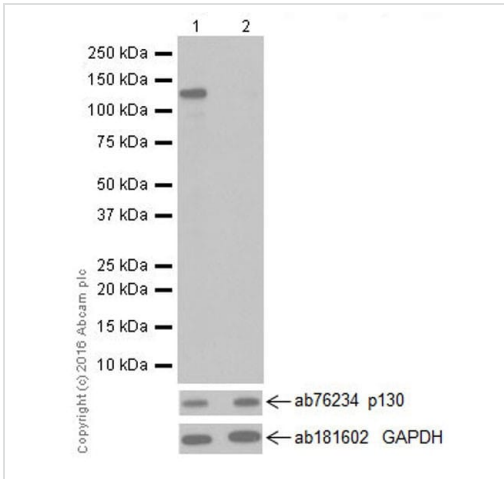
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 128 kDa (predicted molecular weight: 128 kDa).
IP		Use at an assay dependent concentration.

## 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



Western blot - Anti-p130 (phospho T986) antibody [EPR2389(2)] - BSA and Azide free (ab251534)

**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

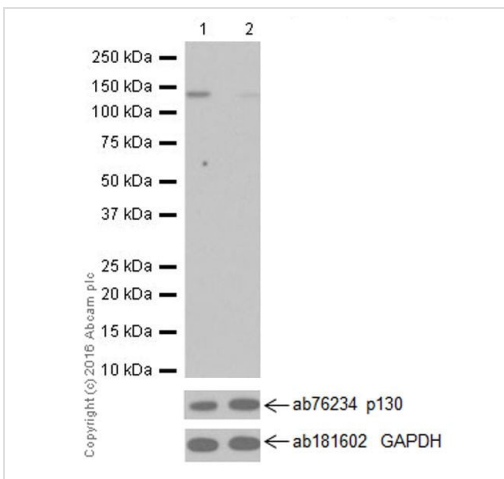
**Predicted band size:** 128 kDa

**Observed band size:** 128 kDa

**Exposure time:** 15 seconds

This data was developed using [ab211928](#), the same antibody clone in a different buffer formulation.

**Blocking and dilution buffer:** 2% BSA.



Western blot - Anti-p130 (phospho T986) antibody [EPR2389(2)] - BSA and Azide free (ab251534)

**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

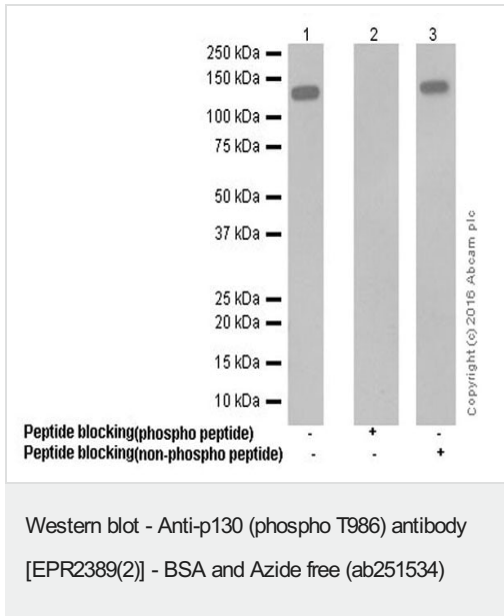
**Predicted band size:** 128 kDa

**Observed band size:** 128 kDa

**Exposure time:** 30 seconds

This data was developed using **ab211928**, the same antibody clone in a different buffer formulation.

**Blocking and dilution buffer:** 5% NFDN/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

**Lanes 2-3 :** Jurkat (Human T cell leukemia cell line from peripheral blood) whole cell lysate

Lysates/proteins at 10 µg per lane.

#### Secondary

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

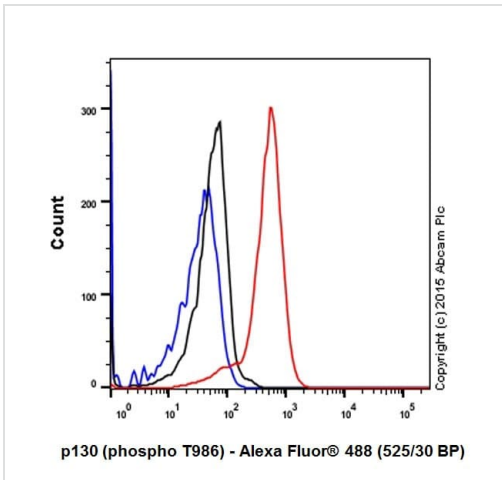
**Predicted band size:** 128 kDa

**Observed band size:** 128 kDa

**Exposure time:** 30 seconds

This data was developed using **ab211928**, the same antibody clone in a different buffer formulation.

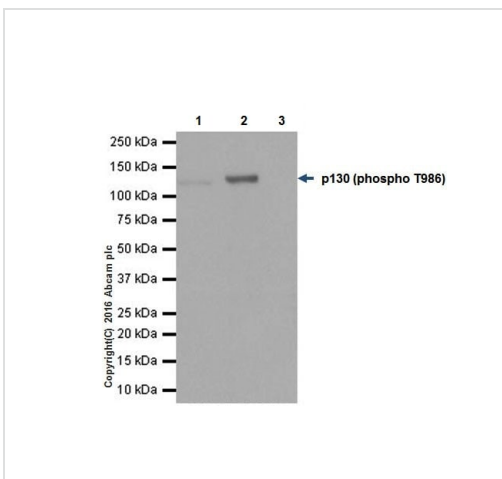
**Blocking and dilution buffer:** 5% NFDN/TBST.



Flow Cytometry (Intracellular) - Anti-p130 (phospho T986) antibody [EPR2389(2)] - BSA and Azide free (ab251534)

This data was developed using **ab211928**, the same antibody clone in a different buffer formulation.

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)] - BSA and Azide free (ab251534)

This data was developed using **ab211928**, the same antibody clone in a different buffer formulation. 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?



**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-p130 (phospho T986) antibody [EPR2389(2)] -  
BSA and Azide free (ab251534)

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

### 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.cn/abpromise> or contact our technical team.

### Terms and conditions

---

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