

### Anti-RhoGAP antibody [EP489Y] ab32328

**重组** RabMAb

★★★★★ **5 Abreviews** **4 References** **5 图像**

#### 概述

产品名称	Anti-RhoGAP抗体[EP489Y]
描述	兔单克隆抗体[EP489Y] to RhoGAP
宿主	Rabbit
经测试应用	<b>适用于:</b> WB, IHC-P, Flow Cyt (Intra) <b>不适用于:</b> ICC/IF or IP
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Synthetic peptide within Human RhoGAP aa 1150-1250. The exact sequence is proprietary.
阳性对照	Human stomach carcinoma and the following cell lysates: Hela, NIH 3T3, Jurkat, 293, K562, MCF-7, A431 and PC12.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <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> For more information <a href="#">see here</a> . 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> .

#### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EP489Y
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™承诺保证使用ab32328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
WB	★★★★★ (1)	1/500. Detects a band of approximately 190 kDa (predicted molecular weight: 171 kDa).
IHC-P	★★★★★ (2)	Use at an assay dependent concentration. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
Flow Cyt (Intra)		1/60 - 1/1000. <b><u>ab172730</u></b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

应用说明 Is unsuitable for ICC/IF or IP.

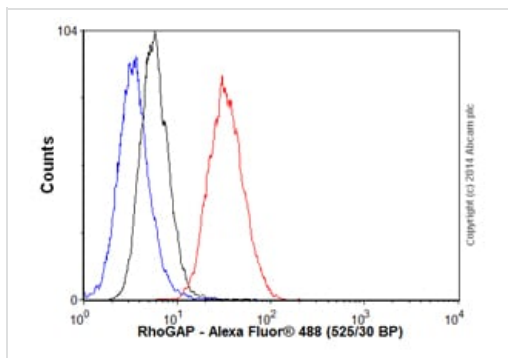
靶标

**相关性**

The p190 RhoGAP protein is associated with p120 RasGAP in growth-factor stimulated and tyrosine kinase transformed cells. It functions as a GTPase - activating protein (GAP) for Rho and Rac family proteins, which are involved in regulating cytoskeletal actin and membrane ruffling. The antibody appears to couple signal transduction via Ras and Rho through its association with RasGAP. The presence of two adjacent SH2 domains in the p21 RAS GAP indicates that GAP might interact directly with tyrosine kinases. p190B can be directly phosphorylated on a single identified tyrosine residue by the activated insulin and IGF-1 receptors. This phosphorylation causes p190B to translocate to the lipid rafts of the plasma membrane, where it can facilitate the inactivation of the Rho GTPase. P190B also has been shown to be tyrosine phosphorylated by cSrc and vSrc. Additionally the GAP domain of p190B is shown to attenuate signal transducing activity of Rac, Rho and CDC42.

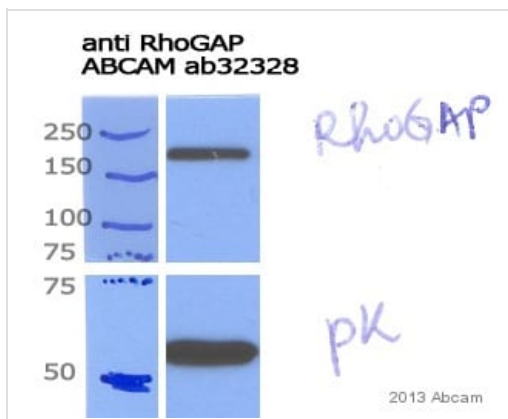
细胞定位	Cytoplasmic
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图片



Flow Cytometry (Intracellular) - Anti-RhoGAP antibody [EP489Y] (ab32328)

Overlay histogram showing A431 cells stained with ab32328 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab32328, 1/1000 dilution) for 30 min at 22°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H&L) ([ab150077](#)) at 1/2000 dilution for 30 min at 22°C. Isotype control antibody (black line) was rabbit IgG (monoclonal) (0.1µg/1x10<sup>6</sup> cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >5,000 events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.



Western blot - Anti-RhoGAP antibody [EP489Y] (ab32328)

This image is courtesy of an anonymous Abreview

Anti-RhoGAP antibody [EP489Y] (ab32328) at 1/500 dilution + Mouse MEFs whole cell lysate at 50 µg

#### Secondary

HRP-conjugated Goat anti-rabbit IgG polyclonal at 1/2000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

**Predicted band size:** 171 kDa

**Observed band size:** 190 kDa

**Exposure time:** 5 minutes

**All lanes :** Anti-RhoGAP antibody [EP489Y] (ab32328) at 1/500 dilution

**Lane 1 :** HeLa cell lysate

**Lane 2 :** Jurkat cell lysate

**Lane 3 :** MCF-7 cell lysate

**Lane 4 :** K562 cell lysate

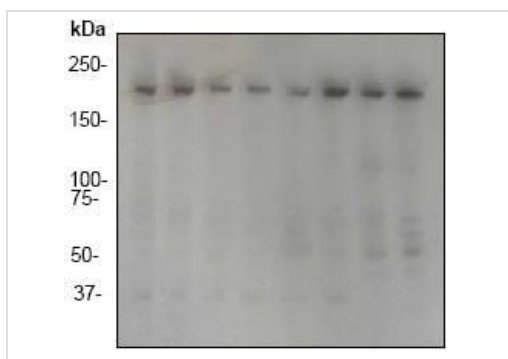
**Lane 5 :** A431 cell lysate

**Lane 6 :** 293 cell lysate

**Lane 7 :** NIH 3T3 cell lysate

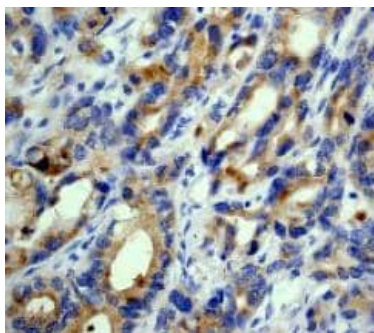
**Lane 8 :** PC12 cell lysate

**Predicted band size:** 171 kDa



Western blot - Anti-RhoGAP antibody [EP489Y] (ab32328)

**Observed band size:** 190 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-RhoGAP antibody [EP489Y] (ab32328)

ab32328, at a 1/100 dilution, staining human RhoGAP in stomach carcinoma by Immunohistochemistry, Paraffin embedded tissue

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

#### 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-RhoGAP antibody [EP489Y] (ab32328)

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

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