


Anti-RAP1A + RAP1B antibody [EPR14815(B)] ab181858

重组 RabMAb

1 References **4 图像**

概述

产品名称	Anti-RAP1A + RAP1B抗体[EPR14815(B)]
描述	兔单克隆抗体[EPR14815(B)] to RAP1A + RAP1B
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), IP, WB
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	HeLa, A431, 293 and MOLT4 cell lysates; HeLa cells.
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	Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	EPR14815(B)
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab181858于以下的经测试应用

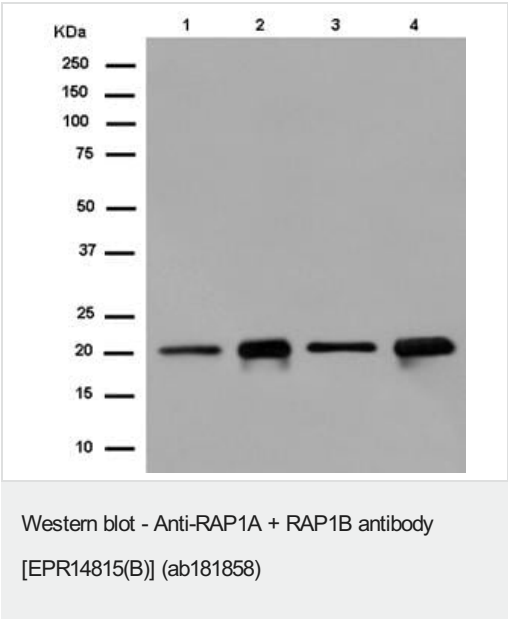
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/30. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
IP		1/50.
WB		1/10000 - 1/50000. Detects a band of approximately 21 kDa (predicted molecular weight: 21 kDa).

靶标

相关性	RAP1A and RAP1B belong to a family of RAS-related proteins. These proteins share approximately 50% amino acid identity with the classical RAS proteins and have numerous structural features in common. The most striking difference between the RAP and RAS proteins resides in their 61st amino acid: glutamine in RAS is replaced by threonine in RAP proteins. Human RAP1B is 95% identical to RAP1A. RAP1A and B are proposed to regulate Ras-mediated signalling and may also be involved in the regulation of integrin-mediated cell adhesion, although the mechanism of regulation is not known.
细胞定位	Cell Membrane; Attached to the membrane by a lipid anchor

图片



All lanes : Anti-RAP1A + RAP1B antibody [EPR14815(B)] (ab181858) at 1/50000 dilution

Lane 1 : Hela cell lysate
Lane 2 : A431 cell lysate
Lane 3 : 293 cell lysate
Lane 4 : MOLT4 cell lysate

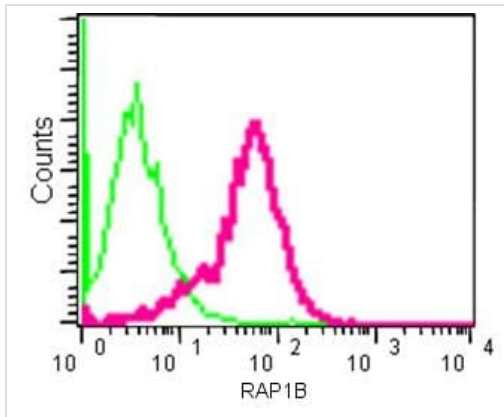
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : goat anti-rabbit IgG, (H+L), peroxidase conjugated at 1/1000 dilution

Developed using the ECL technique.

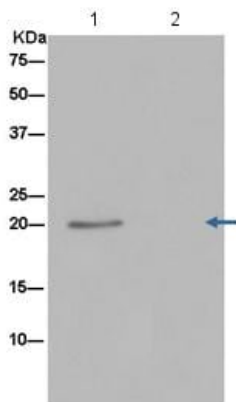
Predicted band size: 21 kDa

Observed band size: 21 kDa



Flow Cytometry (Intracellular) - Anti-RAP1A +
RAP1B antibody [EPR14815(B)] (ab181858)

Intracellular Flow Cytometry analysis of paraformaldehyde-fixed HeLa cells labeling RAP1B with ab181858 at a 1/30 dilution and secondary antibody goat anti-rabbit IgG (FITC, red) at a 1/150 dilution, or negative control rabbit IgG (green).



Immunoprecipitation - Anti-RAP1A + RAP1B
antibody [EPR14815(B)] (ab181858)

Western blot analysis on immunoprecipitation from 1) 293 cell lysate or 2) negative control, labeling RAP1B using ab181858 at 1/50 dilution and HRP-conjugated anti-rabbit IgG preferentially detecting the non-reduced form of rabbit IgG at a 1/1500 dilution.

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-RAP1A + RAP1B antibody [EPR14815(B)]
(ab181858)

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