

# Anti-IREB2/IRP2 + Aconitase 1/ACO1 antibody [EPR13854] ab181153

 **RabMAb**

**12 References**   [6 图像](#)

### 概述

产品名称	Anti-IREB2/IRP2 + Aconitase 1/ACO1抗体[EPR13854]
描述	兔单克隆抗体[EPR13854] to IREB2/IRP2 + Aconitase 1/ACO1
宿主	Rabbit
特异性	The antibody immunogen share 80% homology with the IREB1 protein, therefore it is likely that the antibody cross-react with IREB1. We received some customers feedback where they observed this cross-reactivity, however no experiments were performed in our lab in order to confirm this.
经测试应用	<b>适用于:</b> WB, Flow Cyt (Intra) <b>不适用于:</b> ICC/IF
种属反应性	<b>与反应:</b> Mouse, Rat, Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: A549, Jurkat, Human fetal kidney or Human fetal liver lysates. ICC/IF: HepG2 cells. Flow Cyt (intra): HepG2 cells.
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. 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

## 应用

**Abpromise™ 承诺保证使用ab181153于以下的经测试应用**

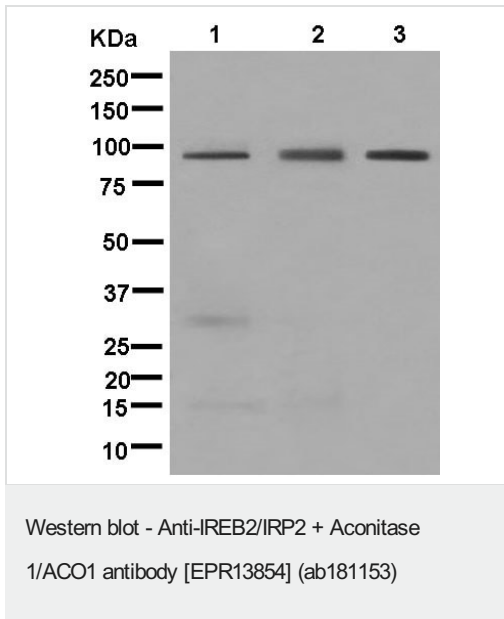
应用	Ab评论	说明
<b>WB</b>		1/1000 - 1/2000. Detects a band of approximately 90 kDa (predicted molecular weight: 105 kDa).
<b>Flow Cyt (Intra)</b>		1/30.

靶标

图片



Blocking and diluting buffer: 5% NFDM /TBST



**All lanes :** Anti-IREB2/IRP2 + Aconitase 1/ACO1 antibody [EPR13854] (ab181153) at 1/1000 dilution (unpurified)

**Lane 1 :** A549 cell lysate

**Lane 2 :** Jurkat cell lysate

**Lane 3 :** Human fetal kidney tissue lysate

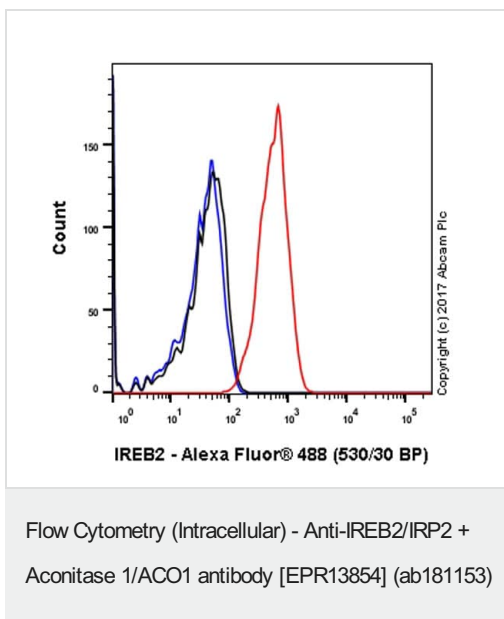
Lysates/proteins at 10 µg per lane.

### Secondary

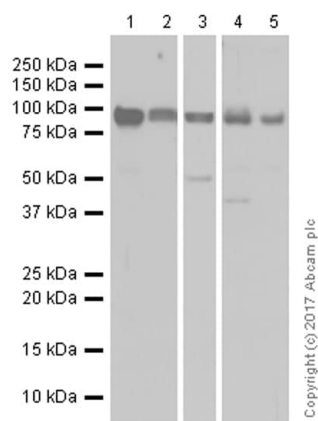
**All lanes :** Peroxidase-conjugated goat anti-rabbit IgG, (H+L) at 1/1000 dilution

**Predicted band size:** 105 kDa

**Observed band size:** 90 kDa



Intracellular Flow Cytometry analysis of HepG2 (human hepatocellular carcinoma) cells labeling IREB2 (red) with ab181153 at a 1/30 dilution. Cells were fixed with 4% paraformaldehyde and permeabilized with 90% methanol. A goat anti-rabbit IgG (Alexa Fluor® 488) (**ab150077**) was used as the secondary antibody at a 1/2000 dilution. Black - Rabbit monoclonal IgG (**ab172730**). Blue (unlabeled control) - Cells without incubation with the primary and secondary antibodies.



Western blot - Anti-IREB2/IRP2 + Aconitase  
1/ACO1 antibody [EPR13854] (ab181153)

**All lanes :** Anti-IREB2/IRP2 + Aconitase 1/ACO1 antibody  
[EPR13854] (ab181153) at 1/1000 dilution (purified)

**Lane 1 :** Human fetal liver tissue lysate

**Lane 2 :** Jurkat (Human T cell leukemia T lymphocyte) whole cell  
lysate

**Lane 3 :** Mouse kidney tissue lysate

**Lane 4 :** Mouse heart tissue lysate

**Lane 5 :** Rat heart tissue lysate

Lysates/proteins at 20 µg per lane.

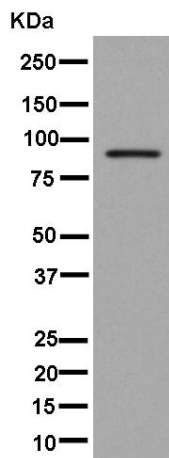
### Secondary

**All lanes :** Anti-Rabbit IgG (HRP), specific to the non-reduced form  
of IgG at 1/2000 dilution

**Predicted band size:** 105 kDa

**Observed band size:** 90 kDa

Blocking and diluting buffer: 5% NFDM/TBST



Western blot - Anti-IREB2/IRP2 + Aconitase 1/ACO1 antibody [EPR13854] (ab181153)

Anti-IREB2/IRP2 + Aconitase 1/ACO1 antibody [EPR13854] (ab181153) at 1/5000 dilution (unpurified) + Human fetal liver cell lysate at 20 µg

#### Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab136636](#)) at 1/500 dilution

**Predicted band size:** 105 kDa

**Observed band size:** 90 kDa

#### 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-IREB2/IRP2 + Aconitase 1/ACO1 antibody [EPR13854] (ab181153)

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

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