

# Anti-Arp3 antibody [EPR10429] - C-terminal ab181164

**重组 RabMAb**

**3 References** **9 图像**

### 概述

产品名称	Anti-Arp3抗体[EPR10429] - C-terminal
描述	兔单克隆抗体[EPR10429] to Arp3 - C-terminal
宿主	Rabbit
特异性	The rat recommendation is based on the WB results. We do not guarantee IHC-P for rat.
经测试应用	<b>适用于:</b> Flow Cyt (Intra), IHC-P, WB, 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: HeLa, Jurkat, A549, Mouse spleen, Rat spleen, and Mouse brain lysates. IHC-P: human kidney, and mouse kidney tissues. ICC/IF: HeLa cells. Flow Cyt (intra): 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"> <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 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	Protein A purified
克隆	单克隆
克隆编号	EPR10429
同种型	IgG

## 应用

**The Abpromise guarantee**      **Abpromise™**承诺保证使用ab181164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。

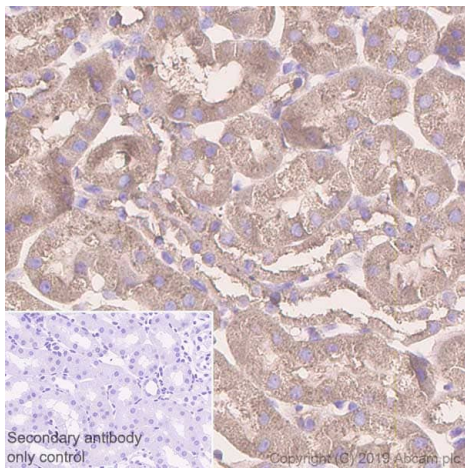
应用	Ab评论	说明
Flow Cyt (Intra)		1/30. <b>ab172730</b> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody. For unpurified please use at 1/40
IHC-P		1/100 - 1/250. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. The rat recommendation is based on the WB results. We do not guarantee IHC-P for rat. See <b><u>IHC antigen retrieval protocols</u></b>
WB		1/1000 - 1/10000. Detects a band of approximately 47 kDa (predicted molecular weight: 47 kDa).
ICC/IF		1/50 - 1/100.

## 靶标

**相关性**      The Arp2/3 complex involved in Golgi polerization in NIH3T3 cells. In a different model it has been shown that the Arp2/3 complex is necessary for neutrophil chemotaxis and phagocytosis.

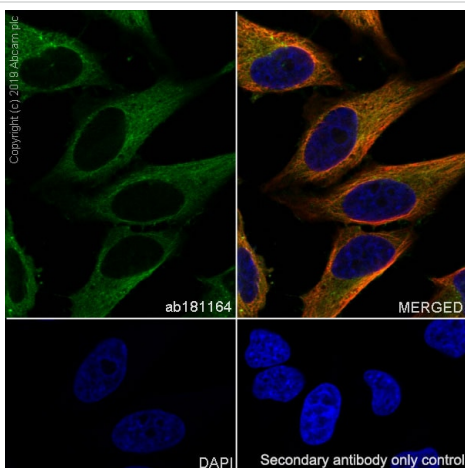
**细胞定位**      Cytoplasmic

## 图片



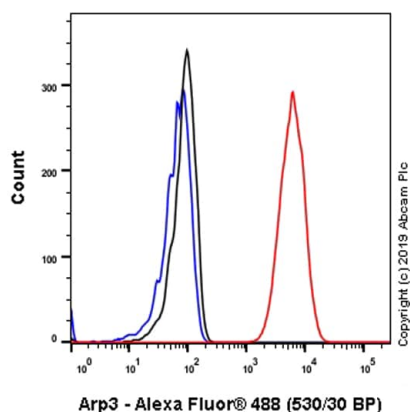
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of mouse kidney tissue sections labeling Arp3 with purified ab181164 at 1:250 dilution (1.01 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



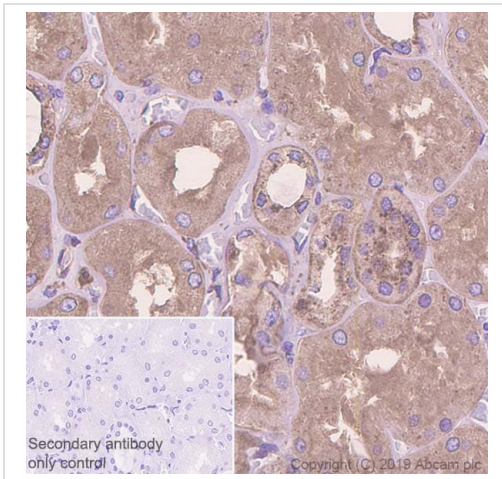
Immunocytochemistry/ Immunofluorescence - Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

Immunocytochemistry/ Immunofluorescence analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling Arp3 with purified ab181164 at 1:50 dilution (5.06 µg/ml). Cells were fixed in 4% Paraformaldehyde and permeabilized with 0.1% tritonX-100. Cells were counterstained with Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) 1:200 (2.5 µg/ml). Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) was used as the secondary antibody at 1:1000 (2 µg/ml) dilution. DAPI (blue) was used as nuclear counterstain. PBS instead of the primary antibody was used as the secondary antibody only control.



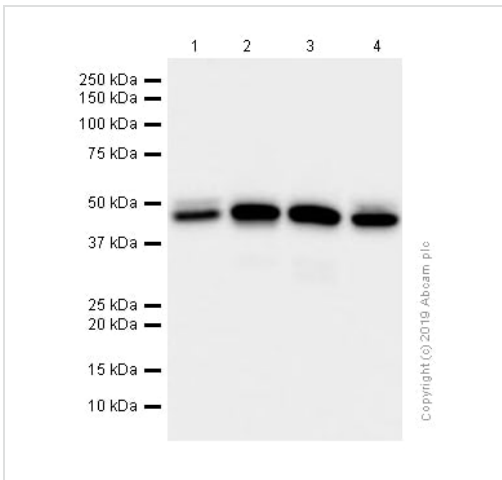
Flow Cytometry (Intracellular) - Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

Intracellular Flow Cytometry analysis of HeLa (Human cervix adenocarcinoma epithelial cell) cells labeling Arp3 with purified ab181164 at 1/30 dilution (10 µg/ml) (Red). Cells were fixed with 4% Paraformaldehyde and permeabilised with 90% Methanol. A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) secondary antibody was used at 1/2000. Isotype control - Rabbit monoclonal IgG (Black). Unlabeled control - Cell without incubation with primary antibody and secondary antibody (Blue).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human kidney tissue sections labeling Arp3 with purified ab181164 at 1:250 dilution (1.01 µg/ml). Heat mediated antigen retrieval was performed using Bond™ Epitope Retrieval Solution 2 (pH 9.0). Rabbit specific IHC polymer detection kit HRP/DAB (**ab209101**) was used as the secondary antibody. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Western blot - Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

**All lanes** : Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164) at 1/1000 dilution (Purified)

**Lane 1** : HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

**Lane 2** : Mouse spleen lysates

**Lane 3** : Rat spleen lysates

**Lane 4** : Mouse brain lysates

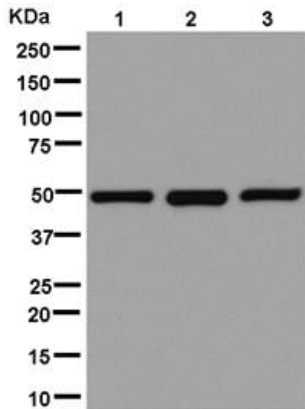
Lysates/proteins at 20 µg per lane.

**Secondary**

**All lanes** : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution

**Predicted band size:** 47 kDa

**Observed band size:** 47 kDa



Western blot - Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

**All lanes :** Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164) at 1/10000 dilution (Unpurified)

**Lane 1 :** HeLa lysate

**Lane 2 :** Jurkat lysate

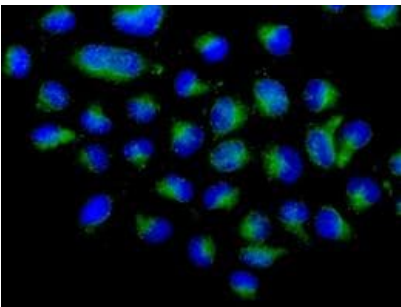
**Lane 3 :** A549 lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

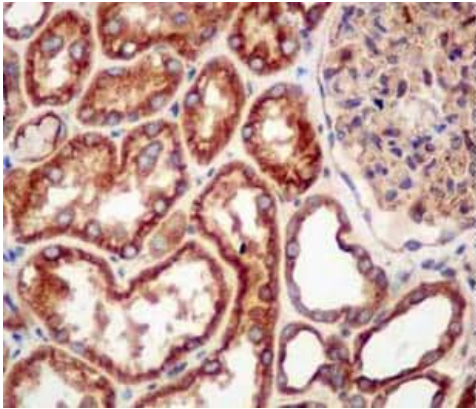
**All lanes :** Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

**Predicted band size:** 47 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

Immunofluorescence analysis of -20°C Acetone fixed HeLa cells labeling Arp3 with unpurified ab181164 at a 1/100 dilution. Goat anti rabbit IgG (Alexa Fluor® 488) secondary used at a 1/200 diution.



Immunohistochemical analysis of paraffin embedded human kidney tissue labeling Arp3 with unpurified ab181164 at a 1/250 dilution. Prediluted HRP Rabbit IgG secondary was used. Counterstained with Hematoxylin.

Perform heat mediated antigen retrieval with EDTA buffer pH 9 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

### Why choose a recombinant antibody?

 <b>Research with confidence</b> Consistent and reproducible results	 <b>Long-term and scalable supply</b> Recombinant technology
 <b>Success from the first experiment</b> Confirmed specificity	 <b>Ethical standards compliant</b> Animal-free production

Anti-Arp3 antibody [EPR10429] - C-terminal (ab181164)

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

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