

# Mouse IgG1, Kappa Monoclonal [B11/6] - Isotype Control ab91353

**48 References**   **3 图像**

### 概述

产品名称	小鼠IgG1, Kappa单克隆抗体[B11/6] -同型对照
经测试应用	适用于: Flow Cyt, IHC-P, IHC-Fr
免疫原	Chemical/ Small Molecule corresponding to Mouse. Synthetic hapten, which is normally not present in humans or animals.
常规说明	<p>ab91353 enables an estimation of non-specific binding of mouse monoclonal antibodies to cell surface components in peripheral blood and tissue. Suitable for whole blood, Ficoll-separated preparations, frozen and paraffin embedded sections</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### 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	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 1% BSA</p>
纯度	Protein G purified
纯化说明	ab91353 is purified and passed through a 0.22µm filter
Isotype control说明	ab91353 enables an estimation of non-specific binding of mouse monoclonal antibodies to cell surface components in peripheral blood and tissue. Suitable for whole blood, Ficoll-separated preparations, frozen and paraffin embedded sections
克隆	单克隆
克隆编号	B11/6

同种型

lgG1

轻链类型

kappa

应用

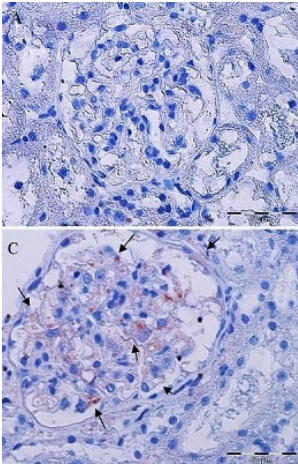
The Abpromise guarantee

Abpromise™承诺保证使用ab91353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		Use 2µg for 10 <sup>6</sup> cells. ab91353 is a <b>negative isotype</b> control
IHC-P		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.

图片



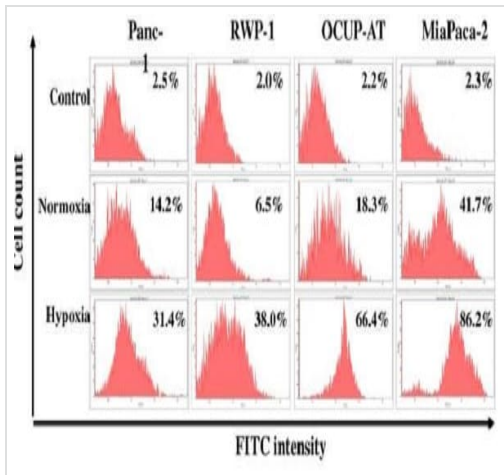
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Mouse IgG1, Kappa  
Monoclonal [B11/6] - Isotype Control (ab91353)  
Karanovic et al One. 2016 Aug 25;11(8):e0161706. doi: 10.1371/journal.pone.0161706. eCollection 2016. Fig 9. Reproduced under the Creative Commons license <http://creativecommons.org/licenses/by/4.0/>

**Glomerular nestin expression in experimental groups.**

**(A)** Negative control (×200).

**(C)** SHADR group: Diffuse glomerular nestin expression was detected involving almost all podocytes within glomerulus. After losartan and tempol treatment, either single or in combination, kidneys restored nestin expression similar to controls (SHC group).

Immunostaining was applied on 5 µm thick paraffin sections. After deparaffinization and rehydration, the sections were treated by microwave for 20 minutes at 400 W in citrate buffer (pH 6.0). After antigen retrieval, samples were incubated for 1 hour at room temperature with primary antibody for nestin (dilution 1:100). Sections were then treated using 3-amino-9-ethylcarbazole (AEC) as substrate, and counterstained with hematoxylin. Negative controls were performed by omitting the first antibody and mouse monoclonal antibodies as isotype control mouse IgG1 (ab91353) antibody was also used.



Flow Cytometry - Mouse IgG1, Kappa Monoclonal  
[B11/6] - Isotype Control (ab91353)

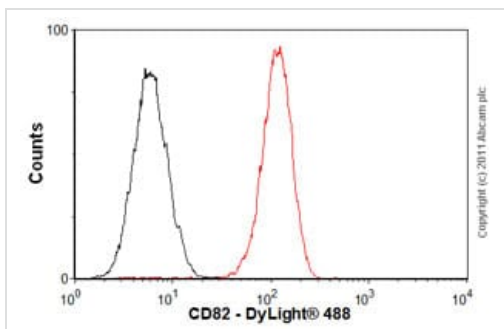
Hirakawa et al PLoS One. 2016 Aug 3;11(8):e0159912.  
doi: 10.1371/journal.pone.0159912. eCollection 2016.  
Fig 1. Reproduced under the Creative Commons  
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### Effects of hypoxia on mRNA expression of *IGF1R* and *IGF1*, and production of IGF1 in cancer cells.

Cell surface expression of IGF1R by FACScan analysis. IGF1R expression level of Panc-1, RWP-1, OCUP-AT, and MiaPaCa-2 cells was higher in hypoxia than that in normoxia.

Cells ( $2 \times 10^6$  cells/mL) were fixed with 2% paraformaldehyde and incubated in PBS with anti IGF1R antibody (**ab16890**, Abcam) or mouse IgG1- isotype control (ab91353, Abcam) for 30 minutes at 22°C. Cells were subsequently labeled with FITC-conjugated secondary antibody (1:500; **ab96879**, Abcam) for 30 minutes at 22°C.

The percentage of positive cells were calculated and compared with isotype-matched control-stained cells.



Flow Cytometry - Mouse IgG1, Kappa Monoclonal  
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Overlay histogram showing HeLa (Human epithelial cell line from cervix adenocarcinoma) cells stained with **ab59509** (red line).

The cells were fixed with 80% methanol (5 minutes) and incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions. The cells were then incubated with the antibody (**ab59509**, 1  $\mu$ g/ $1 \times 10^6$  cells) for 30 minutes at 22°C. The secondary antibody used was a goat anti-mouse DyLight® 488 (IgG, H+L) (**ab96879**) at 1/500 dilution for 30 minutes at 22°C.

Isotype control antibody (black line) was mouse IgG1 [ICIGG1] (ab91353, 2  $\mu$ g/ $1 \times 10^6$  cells) used under the same conditions.

Acquisition of >5,000 events was performed.

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