

# Mouse IgG2b, kappa monoclonal [7E10G10] - Isotype Control ab170192

**5 References**   **3 图像**

### 概述

产品名称	小鼠IgG2b, kappa单克隆抗体[7E10G10]-同型对照
特异性	ab170192, mouse IgG2b Isotype Control Antibody was raised in mouse against a yeast-specific protein making it unsuitable for yeast experiments.
经测试应用	<b>适用于:</b> Flow Cyt, ICC/IF, ELISA
常规说明	<p>This antibody clone is manufactured by Abcam.</p> <p>Isotype controls are used to confirm that the primary antibody binding is specific and not a result of non-specific Fc receptor binding or other protein interactions. The isotype control antibody should match the primary antibody's host species, isotype, and possible conjugation. The control performed appropriately in all materials and platforms that were tested.</p> <p>This product was previously marketed under the MitoSciences sub-brand.</p> <p>If you require this antibody in a particular buffer formulation or a particular conjugate for your experiments, please contact <a href="mailto:orders@abcam.com">orders@abcam.com</a> or you can find further information <a href="#">here</a>.</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. Store at -20°C.
存储溶液	<p>pH: 7.5</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituent: HEPES buffered saline</p>
纯度	Ammonium Sulphate Precipitation
克隆	单克隆

克隆编号	7E10G10
同种型	IgG2b
轻链类型	kappa

应用

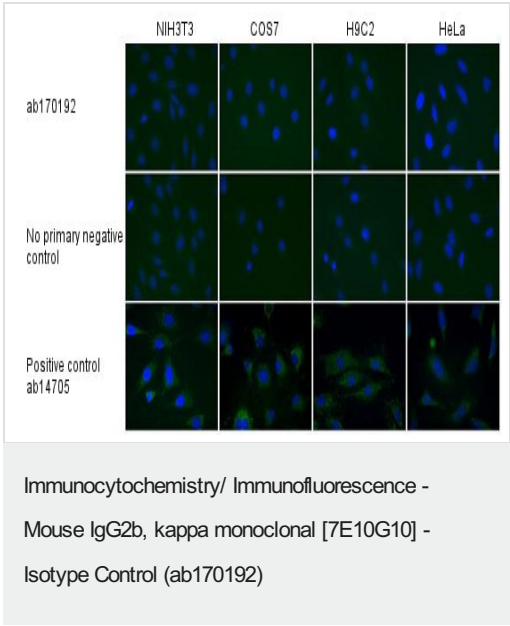
The Abpromise guarantee

Abpromise™承诺保证使用ab170192于以下的经测试应用

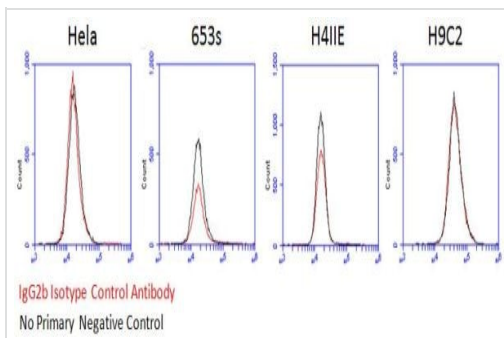
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use a concentration of 1 µg/ml.
ICC/IF		Use a concentration of 1 µg/ml.
ELISA		Use at an assay dependent concentration.

图片

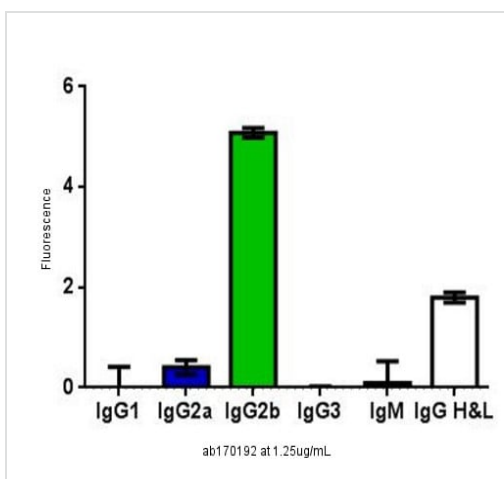


Immunofluorscent analysis of NIH 3T3, COS7, H9C2 and HeLa cells using ab170192 at 1µg/ml (top); no primary antibody negative control (middle), and **ab14705** as a positive control (bottom). An Alexa Fluor® 488 conjugate with isotype specificity to the mouse antibody was used as a secondary antibody. The isotype control at 1 ug/mL shows no higher signal than the no primary negative control.



Flow cytometry experiments with 4% PFA fixed HeLa (human adenocarcinoma), 653s (mouse myeloma), H4IIE (rat hepatoma) and H9C2 (rat myoblast) were performed with the IgG2b Isotype Control Antibody (red) and no primary antibody negative control (black). An Alexa Fluor® 488 conjugate with isotype specificity to the mouse antibody was used as a secondary antibody.

The isotype control at 1 ug/mL shows no higher signal than the no primary negative control.



An isotyping ELISA was performed by coating a 96-well plate with 1.25 ug/mL ab170192 and detecting with Alexa Fluor® conjugates specific to mouse IgG1, IgG2a, IgG2b, IgG3, IgM and heavy and light chains (H&L) of IgG. This experiment verifies that the primary antibody's isotype is correct and that it is successfully bound by the secondary antibody.

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

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