

### Anti-Connexin 45/GJA7/Cx45 antibody [5B9.2] ab78408

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#### 概述

产品名称	Anti-Connexin 45/GJA7/Cx45抗体[5B9.2]
描述	小鼠单克隆抗体[5B9.2] to Connexin 45/GJA7/Cx45
宿主	Mouse
经测试应用	适用于: Flow Cyt, ICC
种属反应性	与反应: Rat, Human 预测可用于: Mouse, Cow, Dog, Pig, Chinese hamster 
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
表位	Near C terminal, cytoplasmic.
阳性对照	ICC/IF: Connexin 45/GJA7/Cx45 transfected rat C6 cells. Flow Cyt: HeLa cells.
常规说明	<p>This product was changed from ascites to tissue culture supernatant on 17th May 2019. Please note that the dilutions may need to be adjusted accordingly. If you have any questions, please do not hesitate to contact our scientific support team.</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	Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
存储溶液	pH: 7.60 Preservative: 0.1% Sodium azide Constituents: 1.45% Sodium chloride, 0.0536% PBS
纯度	Tissue culture supernatant
纯化说明	Purified from TCS.
克隆	单克隆

克隆编号 5B9.2  
同种型 IgG1

## 应用

**The Abpromise guarantee** **Abpromise™**承诺保证使用ab78408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 at an assay dependent concentration. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.
ICC		Use at an assay dependent concentration.

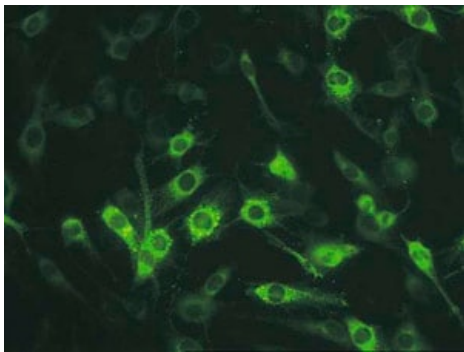
## 靶标

**功能** One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.

**序列相似性** Belongs to the connexin family. Gamma-type subfamily.

**细胞定位** Cell membrane. Cell junction > gap junction.

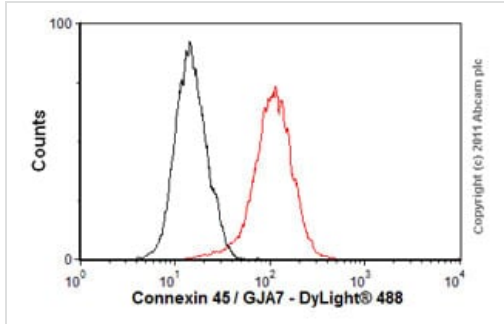
## 图片



ab78408 staining Connexin 45/GJA7/Cx45 transfected rat C6 cells by Immunocytochemistry.

This image was generated using the ascites version of the product.

Immunocytochemistry - Anti-Connexin  
45/GJA7/Cx45 antibody [5B9.2] (ab78408)



Flow Cytometry - Anti-Connexin 45/GJA7/Cx45 antibody [5B9.2] (ab78408)

Overlay histogram showing HeLa cells stained with ab78408 (red line). The cells were fixed with 80% methanol (5 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab78408, 1µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (**ab96879**) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG1 [C1GG1] (**ab91353**, 2µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive result in HeLa cells fixed with 4% paraformaldehyde (10 min)/permeabilized in 0.1% PBS-Tween for 20 min used under the same conditions.

This image was generated using the ascites version of the product.

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

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