

Anti-Cdc20 antibody [BA8] ab18217

[4 References](#) [1 图像](#)

概述

| | |
|-------|---|
| 产品名称 | Anti-Cdc20抗体[BA8] |
| 描述 | 小鼠单克隆抗体[BA8] to Cdc20 |
| 宿主 | Mouse |
| 经测试应用 | 适用于: Flow Cyt |
| 种属反应性 | 与反应: Human |
| 免疫原 | Synthetic C terminal peptide (Xenopus laevis). Run BLAST with ExPASy Run BLAST with NCBI |
| 常规说明 | <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&As</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 or -80°C. Avoid freeze / thaw cycle. |
| 存储溶液 | Preservative: 0.02% Sodium azide Constituent: 99.98% PBS |
| 纯度 | Protein A/G purified |
| 克隆 | 单克隆 |
| 克隆编号 | BA8 |
| 同种型 | IgG2a |

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab18217于以下的经测试应用

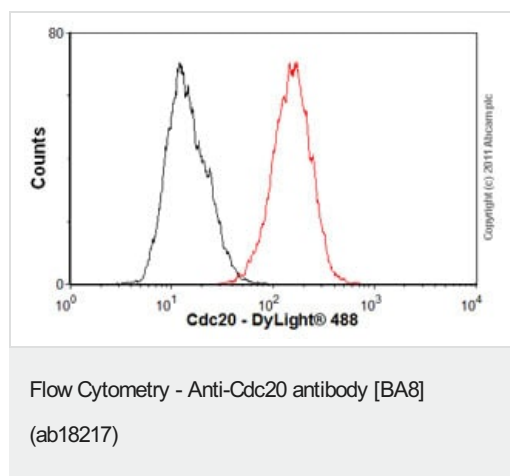
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用 | Ab评论 | 说明 |
|----------|------|---|
| Flow Cyt | | Use 1µg for 10 ⁶ cells. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody. |

靶标

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| 功能 | Required for full ubiquitin ligase activity of the anaphase promoting complex/cyclosome (APC/C) and may confer substrate specificity upon the complex. Is regulated by MAD2L1. In metaphase the MAD2L1-CDC20-APC/C ternary complex is inactive and in anaphase the CDC20-APC/C binary complex is active in degrading substrates. |
| 通路 | Protein modification; protein ubiquitination. |
| 序列相似性 | Belongs to the WD repeat CDC20/Fizzy family. Contains 7 WD repeats. |
| 发展阶段 | Synthesis is initiated at G1/S, protein level peaks in M phase and protein is abruptly degraded at M/G1 transition. |
| 翻译后修饰 | Phosphorylated during mitosis, probably by maturation promoting factor (MPF). Phosphorylated by BUB1 at Ser-41; Ser-72; Ser-92; Ser-153; Thr-157 and Ser-161. Ubiquitinated and degraded by the proteasome during spindle assembly checkpoint. Deubiquitinated by USP44, leading to stabilize the MAD2L1-CDC20-APC/C ternary complex, thereby preventing premature activation of the APC/C. |

图片



Overlay histogram showing LoVo cells stained with ab18217 (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 (ab18217, 1µg/1x10⁶ 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 IgG2a [ICIGG2A] (**ab91361**, 1µg/1x10⁶ cells) used under the same conditions. Acquisition of >5,000 events was performed.

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

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