


### Alexa Fluor® 647 Anti-MCL1 antibody [Y37] ab197035

重组 RabMAb

#### 1 References 2 图像

#### 概述

|       |  |
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| 产品名称  | Alexa Fluor® 647 荧光 Anti-MCL1 抗体[Y37]  |
| 描述    | Alexa Fluor® 647 荧光 兔单克隆抗体[Y37] to MCL1  |
| 宿主    | Rabbit   |
| 偶联物   | Alexa Fluor® 647. Ex: 652nm, Em: 668nm   |
| 经测试应用 | 适用于: ICC/IF  |
| 种属反应性 | 与反应: Human<br>预测可用于: Mouse, Rat   |
| 免疫原   | Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.  |
| 阳性对照  | ICC/IF: HCT116 cells.  |
| 常规说明  | <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb® patents</a>.</p> <p>Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@thermofisher.com">outlicensing@thermofisher.com</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. |

|      |   |
|------|---|
|      | Avoid freeze / thaw cycle. Store In the Dark.   |
| 存储溶液 | pH: 7.40<br>Preservative: 0.02% Sodium azide<br>Constituents: 30% Glycerol (glycerin, glycerine), 1% BSA, PBS |
| 纯度   | Protein A purified  |
| 克隆   | 单克隆   |
| 克隆编号 | Y37   |
| 同种型  | IgG   |

应用

The Abpromise guarantee      **Abpromise™**承诺保证使用ab197035于以下的经测试应用

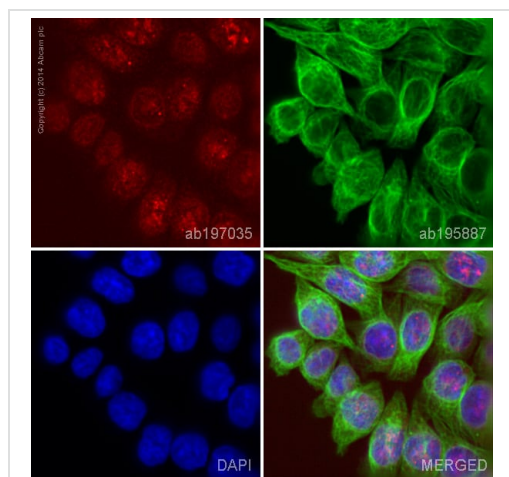
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

| 应用     | Ab评论 | 说明  |
|--------|------|---|
| ICC/IF |      | 1/100.<br>This product gave a positive signal in HCT116 cells fixed with 4% formaldehyde (10 min) |

靶标

|       |  |
|-------|--|
| 功能    | Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis.   |
| 序列相似性 | Belongs to the Bcl-2 family.   |
| 翻译后修饰 | Cleaved by CASP3 during apoptosis. In intact cells cleavage occurs preferentially after Asp-127, yielding a pro-apoptotic 28 kDa C-terminal fragment.<br>Rapidly degraded in the absence of phosphorylation on Thr-163 in the PEST region.<br>Phosphorylated on Thr-163. Treatment with taxol or okadaic acid induces phosphorylation on additional sites. |
| 细胞定位  | Membrane. Cytoplasm. Mitochondrion. Nucleus > nucleoplasm. Cytoplasmic, associated with mitochondria.  |

图片



Immunocytochemistry/ Immunofluorescence - Alexa Fluor® 647 Anti-MCL1 antibody [Y37] (ab197035)

ab197035 staining MCL1 in HCT116 cells. The cells were fixed with 4% formaldehyde (10 min), permeabilized with 0.1% Triton X-100 for 5 minutes and then blocked with 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween for 1h. The cells were then incubated overnight at +4°C with ab at a 1/100 dilution (shown in red) and **ab195887**, Mouse monoclonal to alpha Tubulin (Alexa Fluor® 488), at a 1/250 dilution (shown in green). Nuclear DNA was labelled with DAPI (shown in blue).

Image was taken with a confocal microscope (Leica-Microsystems, TCS SP8).

#### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Alexa Fluor® 647 Anti-MCL1 antibody [Y37]  
(ab197035)

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

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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