

### Anti-CD68 antibody [ED1] ab31630

★★★★★ [21 Abreviews](#) [367 References](#) [1 图像](#)

#### 概述

<b>产品名称</b>	Anti-CD68抗体[ED1]
<b>描述</b>	小鼠单克隆抗体[ED1] to CD68
<b>宿主</b>	Mouse
<b>特异性</b>	Ab31630 recognises a single chain glycoprotein of 110kD that is expressed predominantly on the lysosomal membrane of myeloid cells. Weak cell surface expression also occurs. The antigen is expressed by the majority of tissue macrophages and weakly by peripheral blood granulocytes. Studies have shown that the antigen recognised by ED1 is the rat homologue of human CD68.
<b>经测试应用</b>	<b>适用于:</b> Flow Cyt (Intra)
<b>种属反应性</b>	<b>与反应:</b> Rat
<b>免疫原</b>	Tissue, cells or virus corresponding to Rat CD68. Rat spleen cell.
<b>阳性对照</b>	Flow Cyt (Intra): Rat peritoneal macrophages.
<b>常规说明</b>	This product should be stored undiluted.  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.  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

#### 性能

<b>形式</b>	Liquid
<b>存放说明</b>	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.
<b>存储溶液</b>	pH: 7.40 Preservative: 0.09% Sodium azide Constituent: PBS
<b>纯度</b>	Protein A purified
<b>纯化说明</b>	Purified from tissue culture supernatant.

克隆	单克隆
克隆编号	ED1
骨髓瘤	Sp2/0-Ag14
同种型	IgG1

## 应用

**The Abpromise guarantee**      **Abpromise™** 承诺保证使用 ab31630 于以下的经测试应用

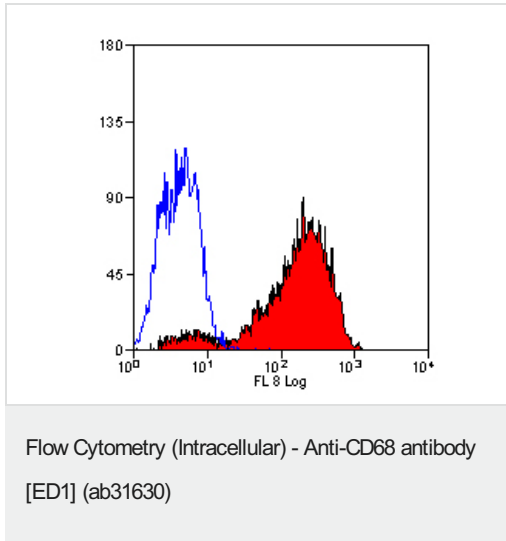
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/50 - 1/100. Use 10µl of the suggested working dilution to label 10 <sup>6</sup> cells in 100µl. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 靶标

功能	Could play a role in phagocytic activities of tissue macrophages, both in intracellular lysosomal metabolism and extracellular cell-cell and cell-pathogen interactions. Binds to tissue- and organ-specific lectins or selectins, allowing homing of macrophage subsets to particular sites. Rapid recirculation of CD68 from endosomes and lysosomes to the plasma membrane may allow macrophages to crawl over selectin-bearing substrates or other cells.
组织特异性	Highly expressed by blood monocytes and tissue macrophages. Also expressed in lymphocytes, fibroblasts and endothelial cells. Expressed in many tumor cell lines which could allow them to attach to selectins on vascular endothelium, facilitating their dissemination to secondary sites.
序列相似性	Belongs to the LAMP family.
翻译后修饰	N- and O-glycosylated.
细胞定位	Cell membrane and Endosome membrane. Lysosome membrane.

## 图片



Staining of rat peritoneal macrophages with Alexa Fluor<sup>®</sup>647 conjugated mouse anti rat CD68, clone ED1 (ab31630, red filled histogram) following permeabilization with Leucoperm.

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

### Our Abpromise to you: Quality guaranteed and expert technical support

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

### Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors