


# Anti-CD14 antibody [MEM-18] - Low endotoxin, Azide free ab6083

**8 References**   **1 图像**

### 概述

产品名称	Anti-CD14抗体[MEM-18] - Low endotoxin, Azide free
描述	小鼠单克隆抗体[MEM-18] to CD14 - Low endotoxin, Azide free
宿主	Mouse
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human 预测可用于: Monkey, Non human primates 
免疫原	Full length protein corresponding to Human CD14. A crude mixture of human urinary proteins precipitated by ammonium sulphate from the urine of a patient suffering from proteinuria.
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&amp;As</p>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	pH: 7.40 Constituent: PBS
无载体	是
纯度	Tissue culture supernatant
克隆	单克隆
克隆编号	MEM-18
同种型	IgG1

## 应用

### The Abpromise guarantee

**Abpromise™**承诺保证使用ab6083于以下的经测试应用

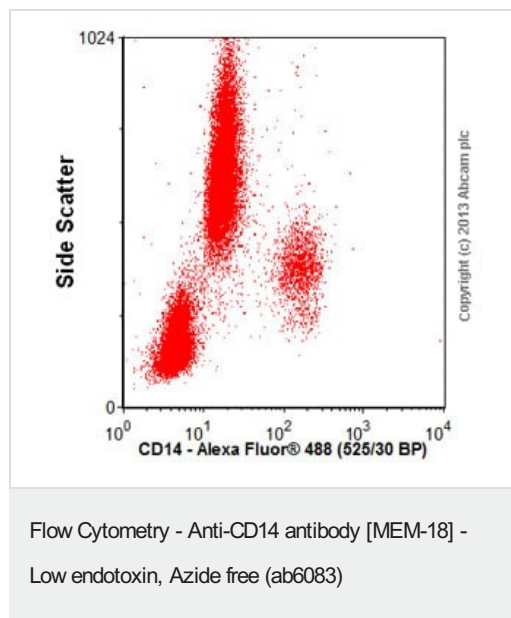
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use 0.01µg for 10 <sup>6</sup> cells. <b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 靶标

功能	Cooperates with MD-2 and TLR4 to mediate the innate immune response to bacterial lipopolysaccharide (LPS). Acts via MyD88, TIRAP and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Up-regulates cell surface molecules, including adhesion molecules.
组织特异性	Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.
序列相似性	Contains 11 LRR (leucine-rich) repeats.
翻译后修饰	N- and O- glycosylated. O-glycosylated with a core 1 or possibly core 8 glycan.
细胞定位	Cell membrane.

## 图片



Human peripheral blood cells stained with ab6083 (red line). Human whole blood was processed using a modified protocol based on Chow *et al*, 2005 (PMID: 16080188). In brief, human whole blood was fixed in 4% formaldehyde (methanol-free) for 10 min at 22°C. Red blood cells were then lysed by the addition of Triton X-100 (final concentration - 0.1%) for 15 min at 37°C. For experimentation, cells were treated with 50% methanol (-20°C) for 15 min at 4°C. Cells were then incubated with the antibody (ab6083, 0.01µg/1x10<sup>6</sup> cells) for 30 min at 4°C. The secondary antibody used was Alexa Fluor® 488 goat anti-mouse IgG (H&L) (**ab150113**) at 1/2000 dilution for 30 min at 4°C. Acquisition of >30,000 total events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter.

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

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