


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

**8 References** [画像数 1](#)

### 製品の概要

|          |   |
|----------|---|
| 製品名      | Anti-CD14 antibody [MEM-18] - Low endotoxin, Azide free   |
| 製品の詳細    | Mouse monoclonal [MEM-18] to CD14 - Low endotoxin, Azide free   |
| 由来種      | Mouse   |
| アプリケーション | <b>適用あり:</b> Flow Cyt   |
| 種交差性     | <b>交差種:</b> Human<br><b>交差が予測される動物種:</b> 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.  |
| 特記事項     | <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> |

### 製品の特性

|          |   |
|----------|---|
| 製品の状態    | Liquid  |
| 保存方法     | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| バッファー    | pH: 7.40<br>Constituent: PBS  |
| キャリア・フリー | はい  |
| 精製度      | Tissue culture supernatant  |
| ポリ/モノ    | モノクローナル   |
| クローン名    | MEM-18  |
| アイソタイプ   | IgG1  |



## アプリケーション

### The Abpromise guarantee

**Abpromise保証は、次のテスト済みアプリケーションにおけるab6083の使用に適用されます**

アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| Flow Cyt |           | Use 0.01µg for 10 <sup>6</sup> cells.<br><b>ab170190</b> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody. |

## ターゲット情報

### 機能

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.

### 組織特異性

Expressed strongly on the surface of monocytes and weakly on the surface of granulocytes; also expressed by most tissue macrophages.

### 配列類似性

Contains 11 LRR (leucine-rich) repeats.

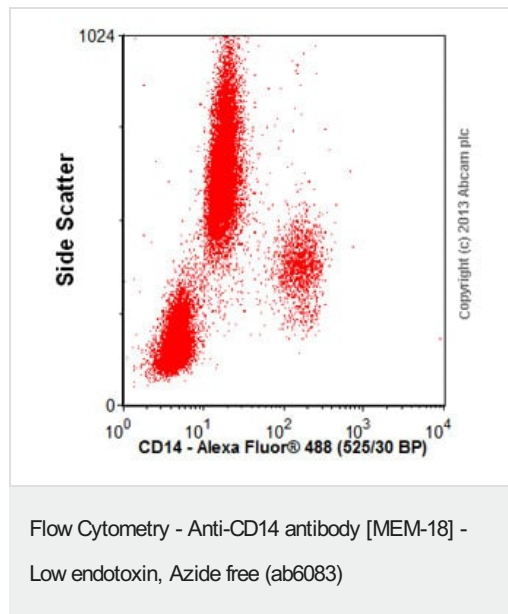
### 翻訳後修飾

N- and O- glycosylated. O-glycosylated with a core 1 or possibly core 8 glycan.

### 細胞内局在

Cell membrane.

## 画像



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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