

Anti-CD3 antibody [MEM-57] ab8090

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概述

产品名称	Anti-CD3抗体[MEM-57]
描述	小鼠单克隆抗体[MEM-57] to CD3
宿主	Mouse
特异性	This antibody reacts with epsilon-gamma and epsilon-delta dimers of human CD3 complex, a part of a bigger multisubunit complex of the T cell receptor for antigen (CD3/TCR) expressed on peripheral blood T lymphocytes and mature thymocytes. It reacts more strongly with blood gamma-delta T lymphocytes than with alpha-beta T lymphocytes.
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Tissue, cells or virus corresponding to Human CD3. Human thymocytes and T lymphocytes
常规说明	<p>Activates T cells in vitro. This antibody is a highly effective immunosuppressive agent. In this it is similar to OKT3.</p> <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	pH: 7.40 Preservative: 0.097% Sodium azide Constituent: PBS
纯度	Protein A purified
纯化说明	This product has been purified from tissue culture supernatant.
Primary antibody说明	Activates T cells in vitro. This antibody is a highly effective immunosuppressive agent. In this it is

similar to OKT3.

克隆	单克隆
克隆编号	MEM-57
同种型	IgG2a
轻链类型	kappa

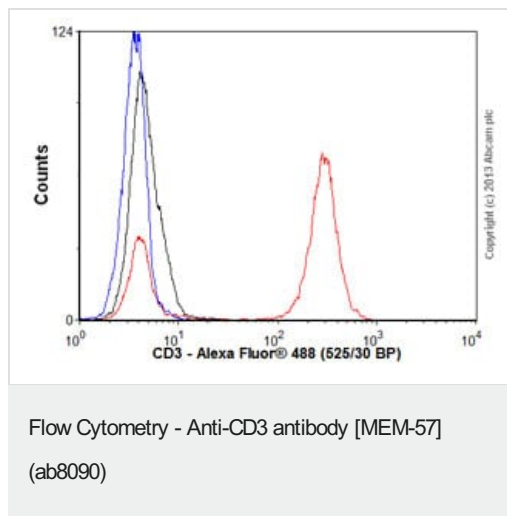
应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab8090于以下的经测试应用

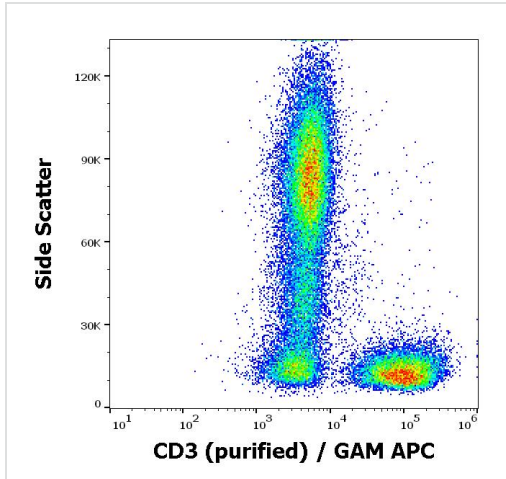
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use a concentration of 2 - 5 µg/ml. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

图片

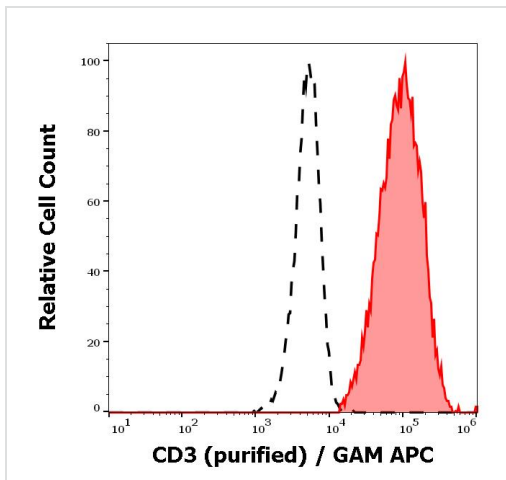


Human peripheral blood lymphocytes stained with ab8090 (red line). Human whole blood was processed using a modified protocol based on Chow *et al*, 2005 (PMID: 16080188). In brief, human whole blood was fixed in 4% formaldehyde (methanol-free) for 10 min at 22°C. Red blood cells were then lysed by the 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 (ab8090, 0.01µg/1x10⁶ 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. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (**ab91361**, 0.1µg/1x10⁶ cells) used under the same conditions. Unlabelled sample (blue line) was also used as a control. Acquisition of >30,000 total events were collected using a 20mW Argon ion laser (488nm) and 525/30 bandpass filter. Gating strategy - peripheral blood lymphocytes.



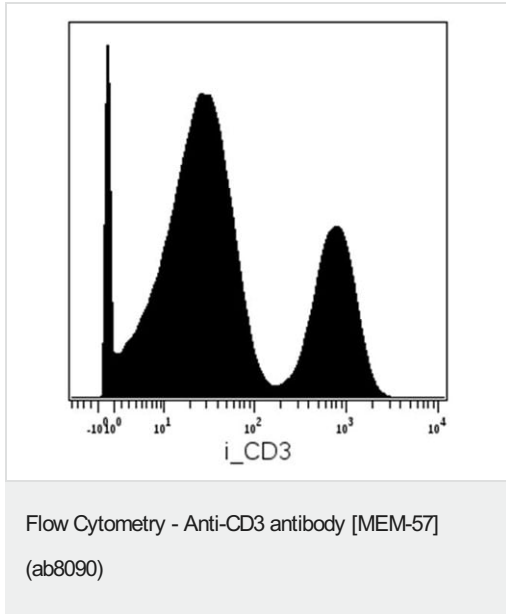
Flow cytometry analysis of human peripheral whole blood labeling CD3 with ab8090 at 0.33 $\mu\text{g}/\text{mL}$ (GAM APC).

Flow Cytometry - Anti-CD3 antibody [MEM-57]
(ab8090)



Flow cytometry analysis of human peripheral whole blood labeling CD3 with ab8090 at 0.33 $\mu\text{g}/\text{mL}$ (GAM APC). Separation of human CD3 positive lymphocytes (red-filled) from neutrophil granulocytes (black-dashed).

Flow Cytometry - Anti-CD3 antibody [MEM-57]
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Surface staining (mass cytometry) of PBMC after Ficoll-Paque separation with anti-human CD3 (MEM-57) Dy161. Gated on singlets.

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