

APC/Cy7® Anti-CD4 antibody [MEM241] ab233298

1 图像

概述

产品名称	APC/Cy7® Anti-CD4抗体[MEM241]
描述	APC/Cy7®小鼠单克隆抗体[MEM241] to CD4
宿主	Mouse
偶联物	APC/Cy7®. Ex: 650nm, Em: 774nm
经测试应用	适用于: Flow Cyt
种属反应性	与反应: Human
免疫原	Recombinant fragment corresponding to Human CD4. 2 N-terminal domains of human CD4 fused to human IgG1 Fc Database link: P01730
阳性对照	Flow cyt: Human peripheral blood cells.
常规说明	<p>This product or portions thereof is manufactured under license from Carnegie Mellon University under U.S. Patent Number 5, 268, 486 and related patents. Cy® and CyDye® are trademarks of Cytiva.</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. Store In the Dark.
存储溶液	pH: 7.4 Preservative: 0.0975% Sodium azide Constituent: PBS
纯度	Size exclusion
纯化说明	The purified antibody is conjugated with tandem dye APC-Cy™7 under optimum conditions. The

	conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
克隆	单克隆
克隆编号	MEM241
同种型	IgG1

应用

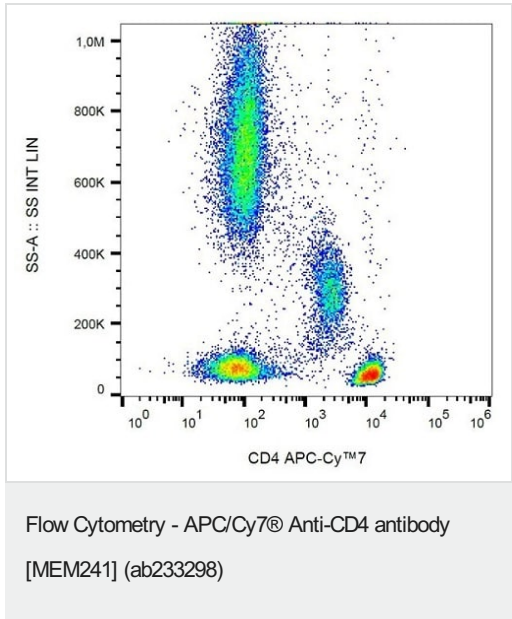
The Abpromise guarantee **Abpromise™**承诺保证使用ab233298于以下的经测试应用
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt		Use 4µl for 10 ⁶ cells. (or 100 µL whole blood)

靶标

功能	Accessory protein for MHC class-II antigen/T-cell receptor interaction. May regulate T-cell activation. Induces the aggregation of lipid rafts.
序列相似性	Contains 3 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 Ig-like V-type (immunoglobulin-like) domain.
翻译后修饰	Palmitoylation and association with LCK contribute to the enrichment of CD4 in lipid rafts.
细胞定位	Cell membrane. Localizes to lipid rafts. Removed from plasma membrane by HIV-1 Nef protein that increases clathrin-dependent endocytosis of this antigen to target it to lysosomal degradation. Cell surface expression is also down-modulated by HIV-1 Envelope polyprotein gp160 that interacts with, and sequesters CD4 in the endoplasmic reticulum.

图片



Flow cytometric analysis of surface stained human peripheral blood cells, labeling CD4 with ab233298. Leukocyte gate.

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

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- Response to your inquiry within 24 hours

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